

SF/SA ^{60Hz} SERIES

BOMBA SUMERGIBLE
ACERO INOXIDABLE

50SFU2.4A/2.8A

80SFU21.5/22.2/23.7

80SFU25.5/27.5/211

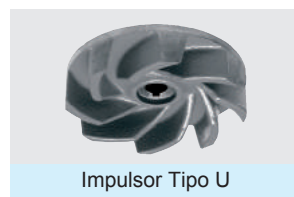
80SFP21.5/22.2/23.7

80(100)SFP25.5/27.5/211

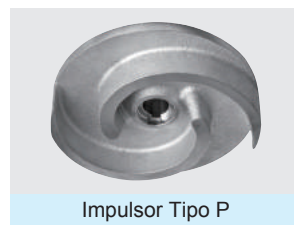
SF Bomba Sumergible Inox. Aguas Residuales / Aguas Servidas
SA Bomba Sumergible Inox. Aguas Servidas / Afluentes

CARACTERISTICAS

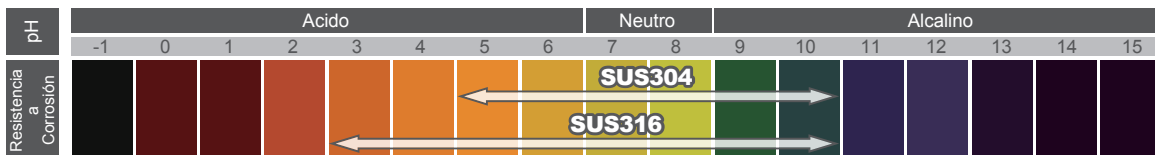
- Mejor diseño en la estructura, motor en seco, IP68, doble sello mecánico, equipada con protector auto-corte, cubierta exterior acero inoxidable, sellos de carburo-silicio resistente a los ácidos y corrosivos.
- La serie inoxidable es adecuada para todo tipo de ácidos ligeros, corrosivos o agua de mar cuando el pH se encuentra entre 4~10 pH. Para aplicaciones de acidez y alcalinidad fuertes, porfavor utilizar una bomba quimica especial.
- Fundición de Precisión
La fundición de precisión utiliza un método de fundición preciso y avanzado, que produce la más alta calidad con una superficie totalmente lisa.
- O-ring de Vitón
O-ring de Vitón son usados en todas las juntas de la bomba para dar una mejor vida útil en ácidos corrosivos y medios agresivos.
- Acero Inox. Austenítico (serie SUS 300) es utilizado en la serie SF/SA.SUS316/SCS14 es mejor que SUS304/SCS13 en aplicaciones ligeras de ácido-base.



Impulsor Tipo U



Impulsor Tipo P



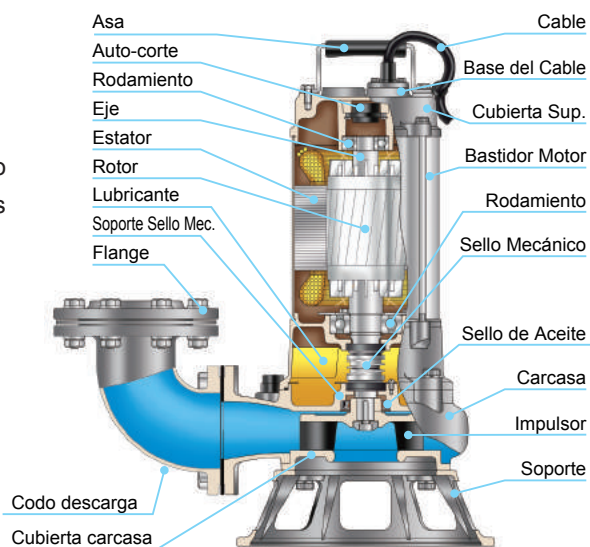
※ sólo como referencia.

APLICACIONES

- Ideal para industrias y plantas de tratamiento de aguas.
- Ideal para plantas petroquímicas, industria del teñido,y desaguados mineros con flujos en concentración de ácido
- Esta serie es ideal para todo tipo de ácidos ligeros y/o aplicaciones con agua de mar.

NOMENCLATURA

80	SF	P	2	3.7
Descarga mm	Tipo	Tipo de Impulsor	Polos	kW
50	SA	2	8	A
Descarga mm	Tipo	Polos	kW	Estilo



ACCESORIOS : CODOS / GRS - SISTEMA DE RIEL GUIA

- La bomba puede ser instalada con un codo a 90° con brida o con un sistema de acoplamiento rápido GRS, para una rápida y segura instalación, desinstalación, sustitución y con propósitos de mantención.

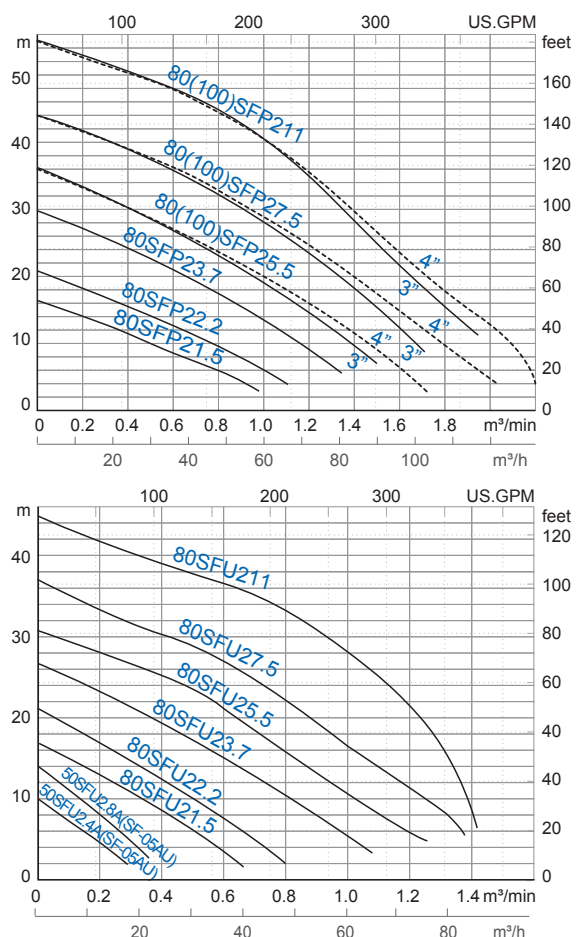


CODO

GRS



CURVAS DE RENDIMIENTO

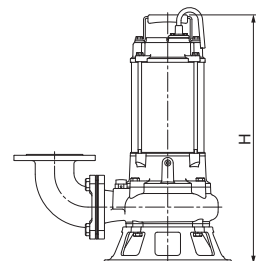
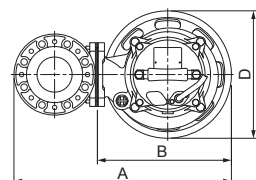


SF/SA ESPECIFICACIONES

Item	Descripción
Límites de Uso	Temp. Líquido: 0~40°C (32~104°F)
	Aplicaciones: Corrosivas·Alimentos·Líquidos Procesados
	Frecuencia: 60Hz
Tipo	Motor: 2P(3600rpm)·Motor en Seco
	Aislación: Clase B (0.5~3HP)·Clase F (5~15HP)
	Protección: IP68
	Protector: Auto-cut (50SA2.4A 1Ø:Sobrecalentamiento)
	Rodamiento: Tipo de Bolas
	Sello Mec.: Doble Sello Mecánico
	Impulsor: Semi-abierto
Material	Cubierta Sup.: SCS14
	Bastidor del Motor: SUS316
	Extremo del eje: SUS316 (7.5~10HP)·SUS630 (15HP)
	Sello Mec.: CA/CE & SiC/SiC
	O-ring: Viton
	Carcasa: SCS14
	Impulsor: SCS14
Cable: VCT ó H07RN-F ó SJOW/SOW	
Opcional	Las bombas pueden ser personalizadas para ajustarse a las especificaciones

ESPECIFICACIONES DE RENDIMIENTO

	Modelo	Potencia HP(kW)	Descarga plg(mm)	Fases Ø	Método de Arranque	Capacidad		Paso de Sólidos mm	Peso kg		Dimensiones mm			
						m³/min	m³/h		1Ø	3Ø	A	B	D	H
Tipo U	50SFU2.4A (SF-05AU)	0.5(0.4)	2"(50)	3	Condensador Directo	5.5-0.15	18-40	35(1 3/8")	15(33)	14(31)	237	199	153	433
	50SFU2.8A (SF-21AU)	1(0.75)	2"(50)	3	Condensador Directo	8-0.2	25-52	35(1 3/8")	16(35)	15(33)	237	199	153	433
	80SFU21.5	2(1.5)	3"(80)	3	Directo	8-0.4	26-105	50(2")	-	26(57)	402	260	202	517
	80SFU22.2	3(2.2)	3"(80)	3	Directo	12.5-0.4	41-105	50(2")	-	28.5(63)	402	260	202	517
	80SFU23.7	5(3.7)	3"(80)	3	Directo	17.5-0.5	58-132	50(2")	-	39.5(87)	476	286	222	561
	80SFU25.5	7.5(5.5)	3"(80)	3	Directo	21-0.6	70-160	50(2")	-	60(132)	499	309	258	657
	80SFU27.5	10(7.5)	3"(80)	3	Directo	27-0.6	90-160	50(2")	-	66(146)	499	309	258	657
	80SFU211	15(11)	3"(80)	3	Estrella - Triángulo	36-0.6	120-160	50(2")	-	75(165)	499	309	258	697
Tipo P	80SFP21.5	2(1.5)	3"(80)	3	Directo	8-0.6	26-160	35(1 3/8")	-	28(62)	417	275	260	521
	80SFP22.2	3(2.2)	3"(80)	3	Directo	12.5-0.6	41-160	35(1 3/8")	-	31(68)	417	275	260	521
	80SFP23.7	5(3.7)	3"(80)	3	Directo	20.5-0.6	68-150	32(1 1/4")	-	42.5(94)	495	305	290	568
	80(100)SFP25.5	7.5(5.5)	3"(80)	3	Directo	26.5-0.6	87-160	30(1 1/8")	-	66(146)	563	373	345	684
			4"(100)			20-1.0	66-265				591			
	80(100)SFP27.5	10(7.5)	3"(80)	3	Directo	35-0.6	115-160	30(1 1/8")	-	72(159)	563	373	345	684
			4"(100)			28-1.0	92-265				591			
	80(100)SFP211	15(11)	3"(80)	3	Estrella - Triángulo	47-0.6	155-160	30(1 1/8")	-	81(179)	563	373	345	724
4"(100)			39.5-1.0			130-265	591							

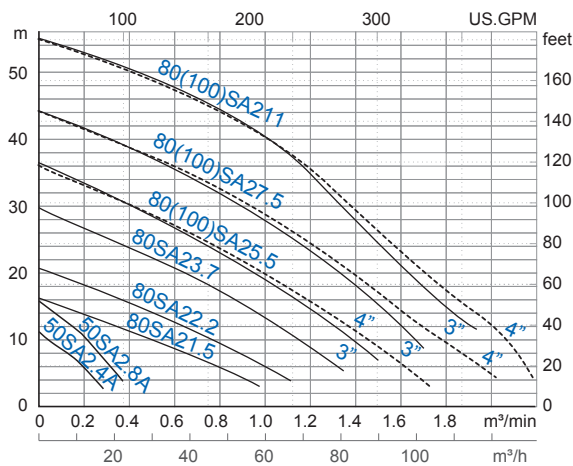


※ Nota: Pesos sin cables y juegos de codos.

※ Nota: En 3 fases el impulsor tipo U causará amperajes altos cuando opere en giro inverso.



CURVAS DE RENDIMIENTO



80(100)SA25.5/27.5/211



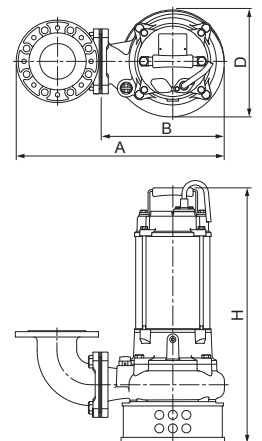
80SA21.5/22.2/23.7



50SA2.4A/2.8A

ESPECIFICACIONES DE RENDIMIENTO

Modelo	Potencia HP(kW)	Descarga plg(mm)	Fases Ø	Método de Arranque	Capacidad		Paso de Sólidos mm	Peso kg		Dimensiones mm			
					m³/min	m³/h		1Ø	3Ø	A	B	D	H
50SA2.4A (SS-05A)	0.5(0.4)	2"(50)	1	Condensador	7-0.1	22-26	10(3/8")	14(31)	14(31)	244	206	172	437
50SA2.8A (SS-21A)	1(0.75)	2"(50)	3	Directo									
80SA21.5	2(1.5)	3"(80)	3	Directo	8-0.6	26-160	20(3/4")	-	29(64)	390	248	212	520
80SA22.2	3(2.2)	3"(80)	3	Directo	12.5-0.6	41-160	20(3/4")	-	32(71)	390	248	212	520
80SA23.7	5(3.7)	3"(80)	3	Directo	20.5-0.6	68-150	20(3/4")	-	44(97)	465	275	239	568
80(100)SA25.5	7.5(5.5)	3"(80) 4"(100)	3	Directo	26.5-0.6	87-160	20(3/4")	-	66(146)	528	338	286	684
					20-1.0	66-265				556			
80(100)SA27.5	10(7.5)	3"(80) 4"(100)	3	Directo	35-0.6	115-160	20(3/4")	-	72(159)	528	338	286	684
					28-1.0	92-265				556			
80(100)SA211	15(11)	3"(80) 4"(100)	3	Estrella - Triángulo	47-0.6	155-160	20(3/4")	-	81(179)	528	338	286	724
					39.5-1.0	130-265				556			



※ Nota: Pesos sin Cables & Juegos de Codos

※ Nota: El impulsor de la 50SA2.4A/2.8A es tipo U Vortex . 3 fases pueden causar un amperaje alto en inversión de giro.



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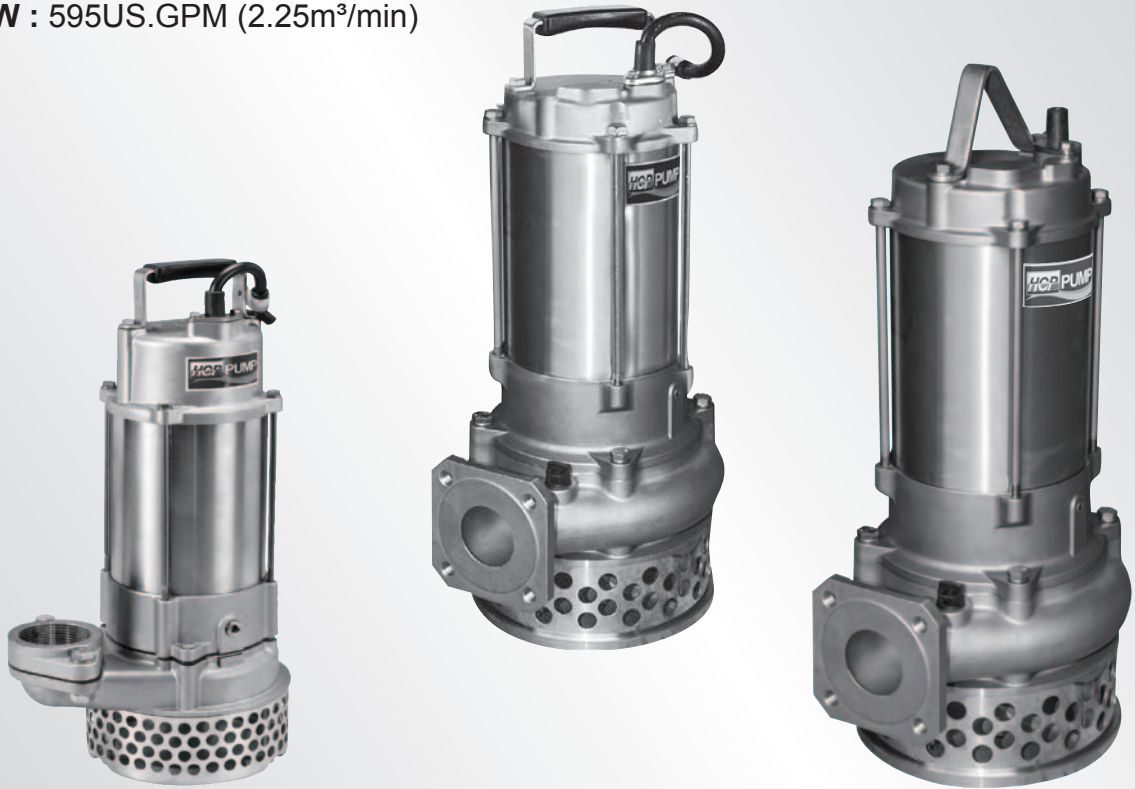
Distributor:

DSASP6-1605

SA SERIES

SUBMERSIBLE STAINLESS STEEL PUMPS

POWER : 0.5~15HP (0.4~11kW)
MAX.HEAD : 185feet (56m)
MAX.FLOW : 595US.GPM (2.25m³/min)



PRODUCT NOMENCLATURE

Example 1: $\frac{50}{\text{Discharge mm}} - \frac{SA}{\text{Type}} \frac{2}{\text{Pole}} \cdot \frac{8}{\text{kW}} \frac{A}{\text{Version}}$

FEATURES

- Best structure design, dry motor, double mechanical seals, equipped Auto-cut protector, pumps casting, out cover adopt stainless steel material, acid resisting Silicon carbide seals.
- This series is suitable for all, light acid, corrosive and/or sea water applications.

APPLICATIONS

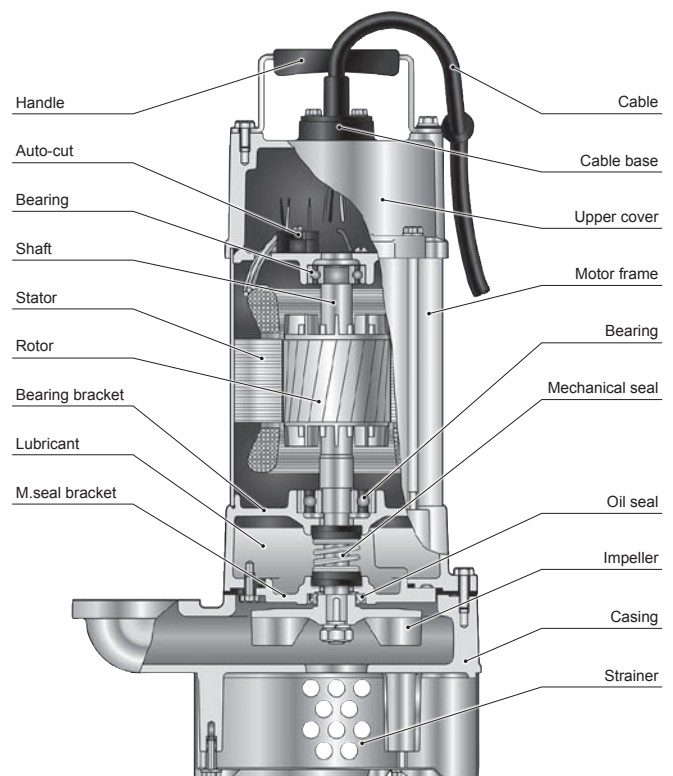
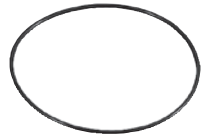
- Water drainage for industries.
- Sanitary sewer, single and multi families drainage.
- Water drainage for chemical, pharmaceutical and metal processing factory.

Investment Casting

- Precision casting with the use of an advanced stainless investment casting method produces the highest quality with a smooth surface finish.

Viton O-ring

- Viton O-rings are used throughout the pump to give better pump life in corrosive acid and aggressive media.



SA SERIES SUBMERSIBLE STAINLESS STEEL PUMPS

50SA2.4A · 50SA2.8A

SPECIFICATIONS

Item		Description
Limits of Use	Liquid Temp.	0~40°C(32~104°F)
	Applications	Corrosive·Food·Processing Liquids
Type	Frequency	60Hz
	Motor	2P(3600rpm)·Dry Motor
	Insulation	Class B
	Protection	IP68
	Protector	Auto-cut (50SA2.4A 1Ø:Thermal)
	Bearing	Ball type
	M.seal	Double M.seals
	Impeller	Semi-open
Material	Upper Cover	SCS14
	Motor Frame	SUS316
	Shaft	SUS316
	M.seal	CA/CE & SiC/SiC
	Casing	SCS14
	Impeller	SCS14
	Cable	VCT or H07RN-F or SJOW/SOW
Optional	—	



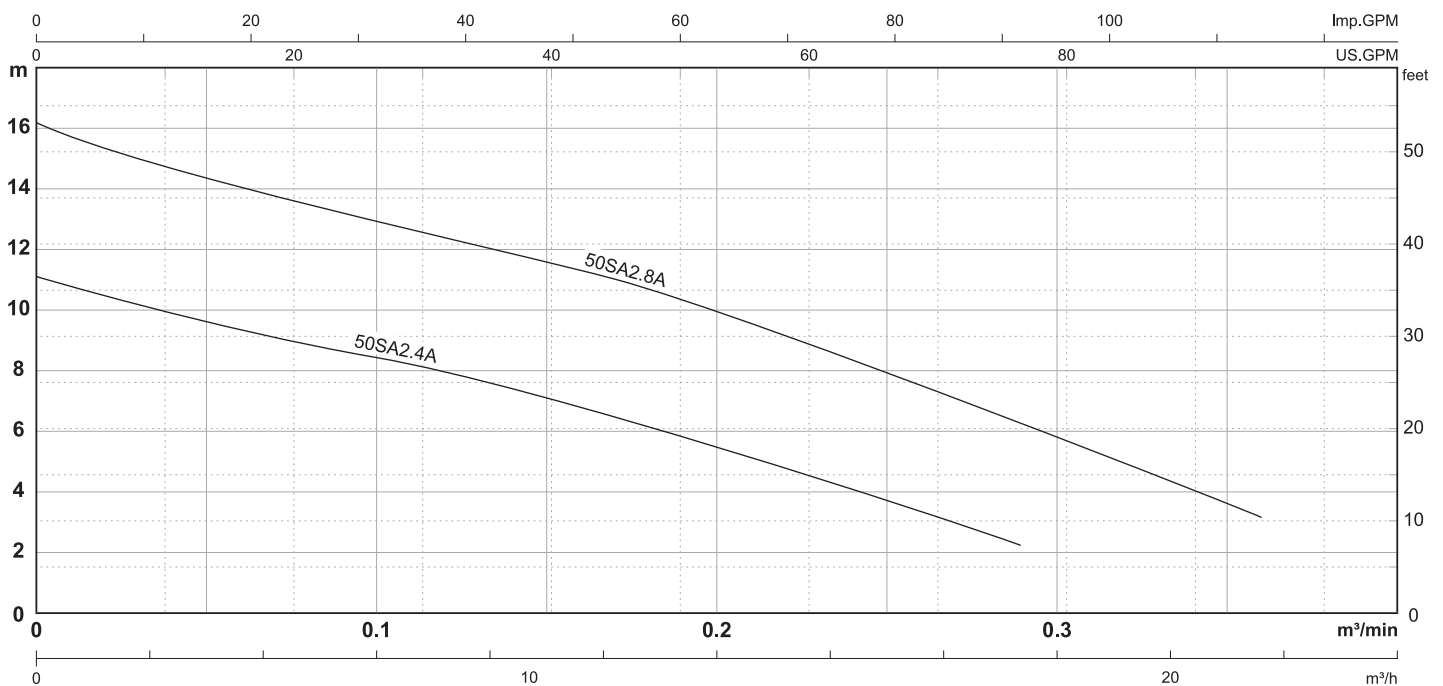
Semi-open Impeller



50SA2.4A · 50SA2.8A

Model	Power HP(kW)	Discharge inch(mm)	Standard		MAX		Solid Passage mm(inch)	Weight(W/O Cable)		Phase	1Ø	1Ø	3Ø	3Ø	3Ø	3Ø	3Ø
			m-m³/min	ft-GPM	m-m³/min	ft-GPM		1Ø-kg(lbs)	3Ø-kg(lbs)		Voltage	110V	220V	220V	230V	380V	460V
50SA2.4A	0.5(0.4)	2"(50)	7-0.1	23-26	11-0.25	36-66	10(3/8")	14(31)	14(31)	Full load Ampere	6.6	3.3	2.3	2.2	1.3	1.1	1.0
50SA2.8A	1(0.75)	2"(50)	10-0.17	33-45	15.5-0.34	51-90	10(3/8")	16(35)	15(33)		10.4	5.2	3.4	3.3	1.9	1.6	1.3

PERFORMANCE CURVES



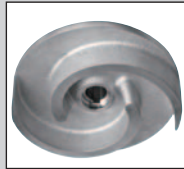
Model	Power HP(kW)	Discharge inch(mm)	H:feet	Q											H:m						
				10'	15'	20'	25'	30'	35'	40'	50'	Q:m³/min	0.05	0.1	0.15	0.2	0.25	0.3	0.35		
50SA2.4A	0.5(0.4)	2"(50)	Q:US.GPM	71	60	48	35	18	4	—	—	H:m	9.6	8.4	7.1	5.5	3.7	—	—		
50SA2.8A	1(0.75)	2"(50)		—	87	78	68	58	48	34	6		14.4	12.9	11.6	10.0	8.0	5.8	3.6		

SA SERIES SUBMERSIBLE STAINLESS STEEL PUMPS

80SA21.5 · 80SA22.2 · 80SA23.7

SPECIFICATIONS

Item		Description
Limits of Use	Liquid Temp.	0~40°C(32~104°F)
	Applications	Corrosive·Food·Processing Liquids
Type	Frequency	60Hz
	Motor	2P(3600rpm)·Dry Motor
	Insulation	Class B(5HP:Class F)
	Protection	IP68
	Protector	Auto-cut
	Bearing	Ball type
	M.seal	Double M.seals
Material	Impeller	Semi-open
	Upper Cover	SCS14
	Motor Frame	SUS316
	Shaft	SUS316
	M.seal	CA/CE & SiC/SiC
	Casing	SCS14
Optional	Impeller	SCS14
	Cable	VCT or H07RN-F or SOW
		—



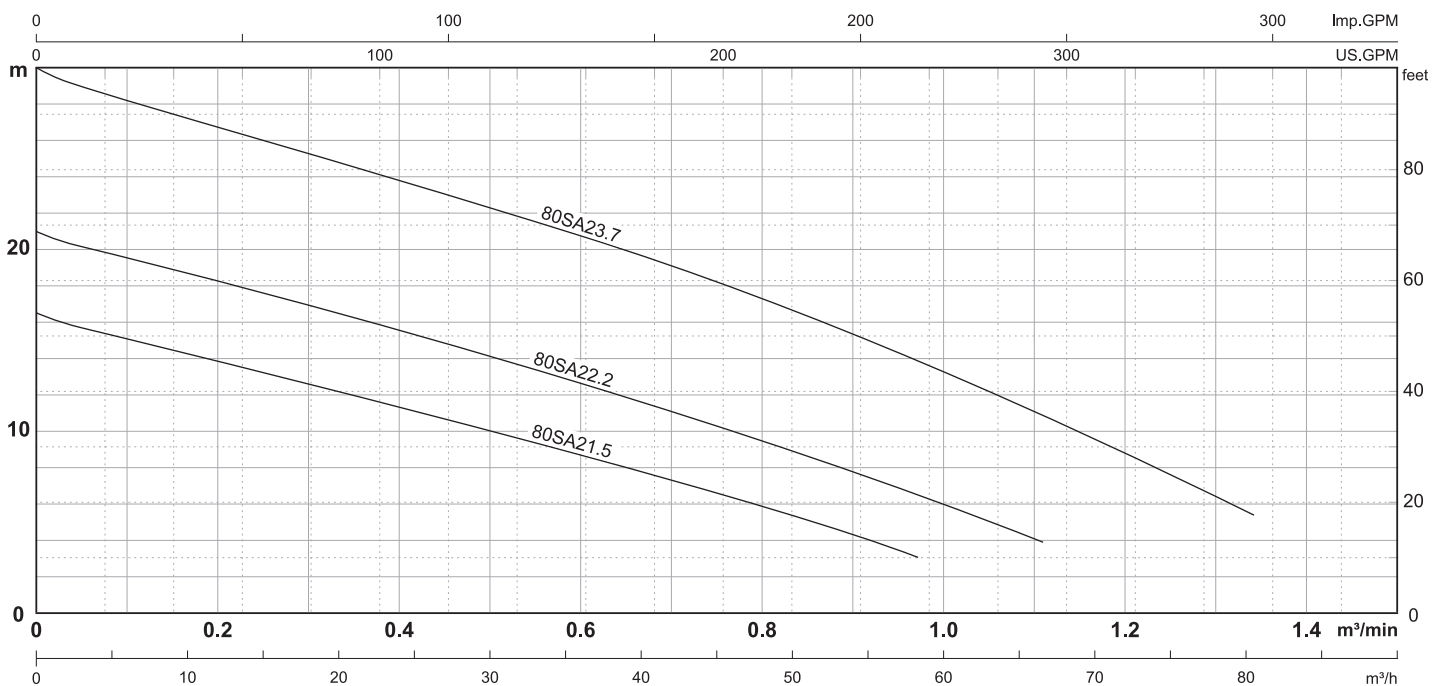
P Type Semi-open Impeller



80SA21.5 · 80SA22.2 · 80SA23.7

Model	Power HP(kW)	Discharge inch(mm)	Standard		MAX		Solid Passage mm(inch)	Weight(W/O Cable)		Phase	Voltage						
			m ³ /min	ft-GPM	m ³ /min	ft-GPM		1Ø-kg(lbs)	3Ø-kg(lbs)		110V	220V	220V	230V	380V	460V	575V
80SA21.5	2(1.5)	3"(80)	8-0.6	26-158	16.5-1.0	55-265	20(3/4")	—	29(64)	Full load Ampere	—	—	6.0	6.0	3.4	3.0	2.4
80SA22.2	3(2.2)	3"(80)	12.5-0.6	41-158	21-1.1	69-290	20(3/4")	—	32(71)		—	—	8.6	8.4	4.8	4.2	3.4
80SA23.7	5(3.7)	3"(80)	20.5-0.6	67-158	30-1.35	98-355	20(3/4")	—	44(97)		—	—	13.8	13.6	7.8	6.5	5.4

PERFORMANCE CURVES



Model	Power HP(kW)	Discharge inch(mm)	H:feet	Q:m³/min									Q:m³/h							
				20'	30'	40'	50'	60'	70'	80'	90'	0.1	0.2	0.3	0.4	0.6	0.8	1	1.2	
80SA21.5	2(1.5)	3"(80)	Q:US.GPM	208	150	88	23	—	—	—	—	H:m	15.1	13.9	12.6	11.4	8.7	5.9	—	—
80SA22.2	3(2.2)	3"(80)		263	217	166	112	53	—	—	—		19.6	18.3	17.0	15.6	12.6	9.5	6.0	—
80SA23.7	5(3.7)	3"(80)		347	313	277	239	197	149	95	40		28.2	26.7	25.3	23.8	20.8	17.3	13.3	8.8

SA SERIES SUBMERSIBLE STAINLESS STEEL PUMPS

80(100)SA25.5 · 80(100)SA27.5 · 80(100)SA211

SPECIFICATIONS

Item		Description
Limits of Use	Liquid Temp.	0~40°C(32~104°F)
	Applications	Corrosive·Food·Processing Liquids
Type	Frequency	60Hz
	Motor	2P(3600rpm)·Dry Motor
	Insulation	Class F
	Protection	IP68
	Protector	Auto-cut(7.5~10HP) · MTS & MS(15HP)
	Bearing	Ball type
	M.seal	Double M.seals
	Impeller	Semi-open
Material	Upper Cover	SCS14
	Motor Frame	SUS316
	Shaft	SUS316(7.5~15HP) or SUS630(15HP)
	M.seal	CA/CE & SiC/SiC
	Casing	SCS14
	Impeller	SCS14
	Cable	VCT or H07RN-F or SOW
	Optional	—



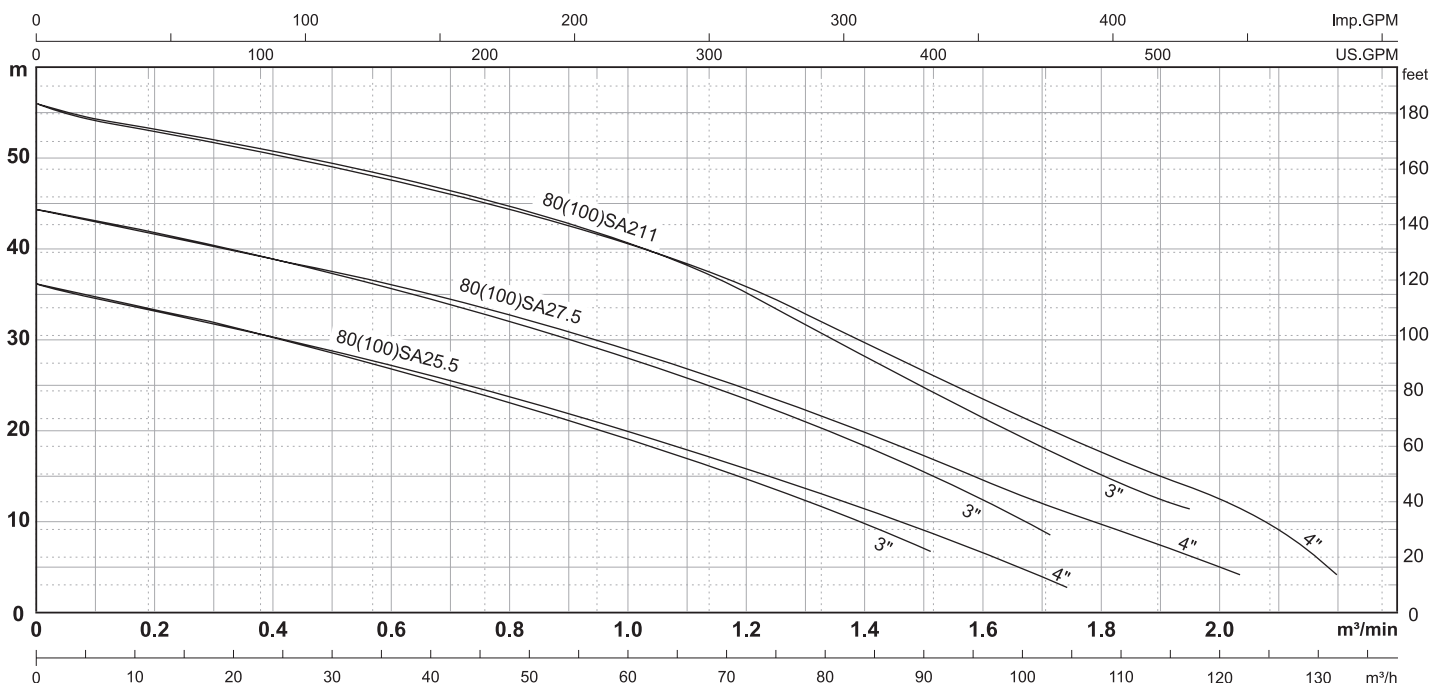
P Type Semi-open Impeller



80(100)SA25.5 · 80(100)SA27.5 · 80(100)SA211

Model	Power HP(kW)	Discharge inch(mm)	Standard		MAX		Solid Passage mm(inch)	Weight(W/O Cable)		Phase Voltage	Full load Ampere						
			m-m ³ /min	ft-GPM	m-m ³ /min	ft-GPM		1Ø-kg(lbs)	3Ø-kg(lbs)		1Ø	1Ø	3Ø	3Ø	3Ø	3Ø	
80(100)SA25.5	7.5(5.5)	3"(80)	26.5-0.6	87-158	36-1.55	118-410	20(3/4")	—	66(146)	Full load Ampere	110V	220V	220V	230V	380V	460V	575V
		4"(100)	20-1.0	66-265	36-1.8	118-475	20(3/4")	—	66(146)		—	—	19.8	19.0	11.5	9.5	7.9
80(100)SA27.5	10(7.5)	3"(80)	35-0.6	115-158	44-1.75	144-460	20(3/4")	—	72(159)		—	—	25.8	24.6	15.0	12.3	10.1
		4"(100)	28-1.0	92-265	44-2.05	144-545	20(3/4")	—	72(159)		—	—	25.8	24.6	15.0	12.3	10.1
80(100)SA211	15(11)	3"(80)	47-0.6	154-158	56-2.0	184-530	20(3/4")	—	81(179)		—	—	37.0	35.5	21.8	17.7	14.9
		4"(100)	39.5-1.0	130-265	56-2.25	184-595	20(3/4")	—	81(179)		—	—	37.0	35.5	21.8	17.7	14.9

PERFORMANCE CURVES



Model	Power HP(kW)	Discharge inch(mm)	H:feet	Q:US.GPM								Q:m ³ /min							
				20'	40'	60'	80'	100'	120'	140'	160'	0.2	0.4	0.6	0.8	1	1.2	1.6	2
80(100)SA25.5	7.5(5.5)	3"(80)	Q:US.GPM	—	344	273	192	100	—	—	—	—	—	—	—	—	—	—	
		4"(100)		427	360	284	200	100	—	—	—	—	—	—	—	—	—	—	
80(100)SA27.5	10(7.5)	3"(80)		—	424	369	306	231	142	34	—	—	—	—	—	—	—	—	
		4"(100)		516	446	385	318	242	148	31	—	—	—	—	—	—	—	—	
80(100)SA211	15(11)	3"(80)		—	504	447	398	351	305	238	142	—	—	—	—	—	—	—	
		4"(100)		571	530	468	414	362	309	234	135	—	—	—	—	—	—	—	
				H:m								H:m							
				33.3								33.3							
				30.2								30.2							
				26.8								26.8							
				23.0								23.0							
				19.0								19.0							
				14.7								14.7							
				—								—							
				41.7								41.7							
				38.8								38.8							
			36.0								36.0								
			32.7								32.7								
			28.9								28.9								
			24.6								24.6								
			14.6								14.6								
			53.1								53.1								
			50.6								50.6								
			47.9								47.9								
			44.6								44.6								
			40.5								40.5								
			35.2								35.2								
			21.4								21.4								
			52.8								52.8								
			50.3								50.3								
			47.5								47.5								
			44.3								44.3								
			40.5								40.5								
			35.8								35.8								
			23.5								23.5								
			12.5								12.5								

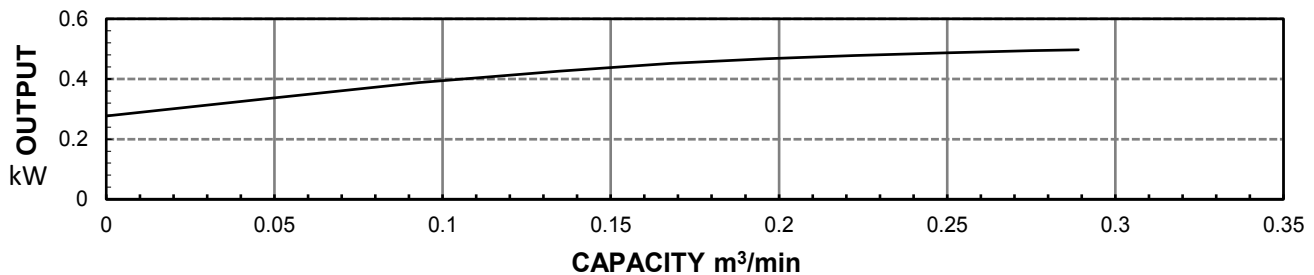
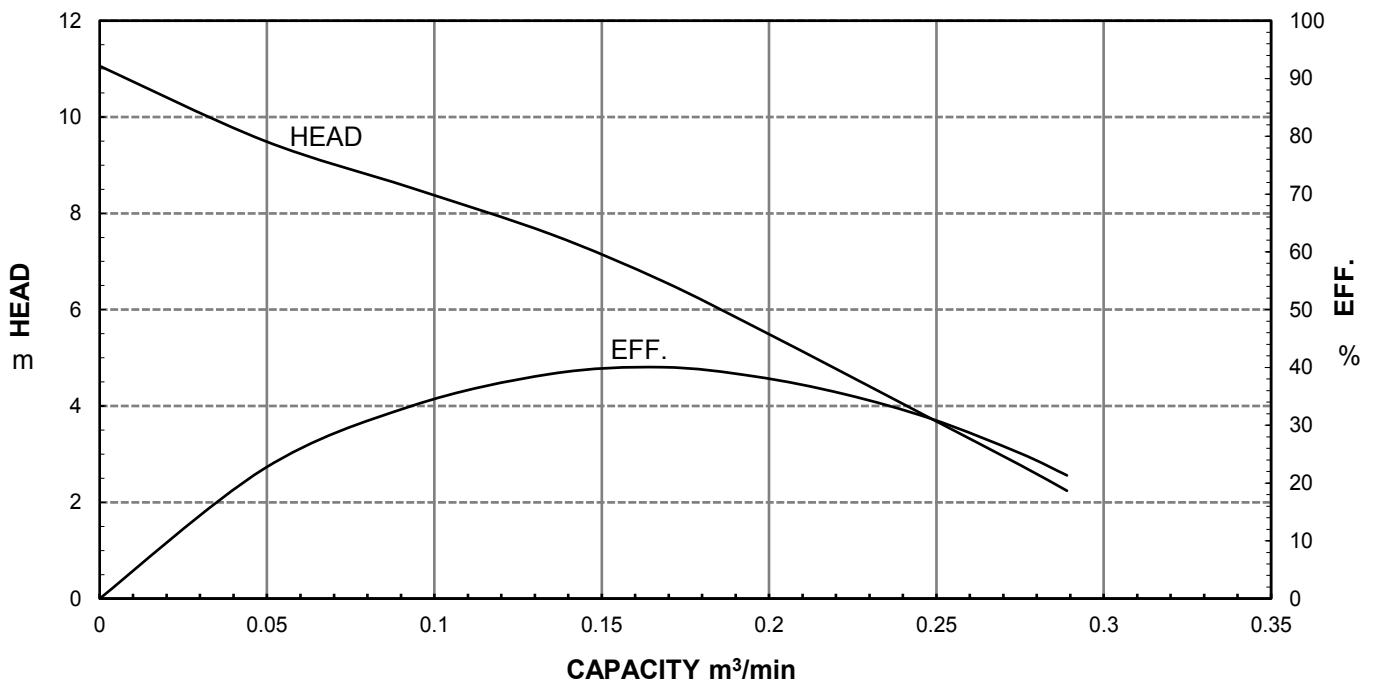


HCP PUMP

FILE NO. PC-M-E6-50SA2.4A1

PUMP PERFORMANCE CURVES

MODEL	50SA2.4A					VER. NO. AH0104	
	STANDARD SPECIFICATION					REFERENCE SPECIFICATION	
FREQUENCY	60 Hz						
DISCHARGE	2 inch		/ 50 mm				
OUTPUT	0.5 HP		/ 0.4 kW			HP	kW
HEAD	7 m						
CAPACITY	0.1 m ³ /min						
PHASE/VOLTAGE	1 Ø	110 V	115 V	208 V	220 V	230 V	Ø V
RATED CURRENT		6.6 A	6.4 A	3.4 A	3.3 A	3.2 A	A
POLE / rpm	2 P		/ 3380 rpm				
START METHOD	CAPACITOR START						
INSULATION CLASS	B						
REMARK							



HCP PUMP MANUFACTURER CO.,LTD.

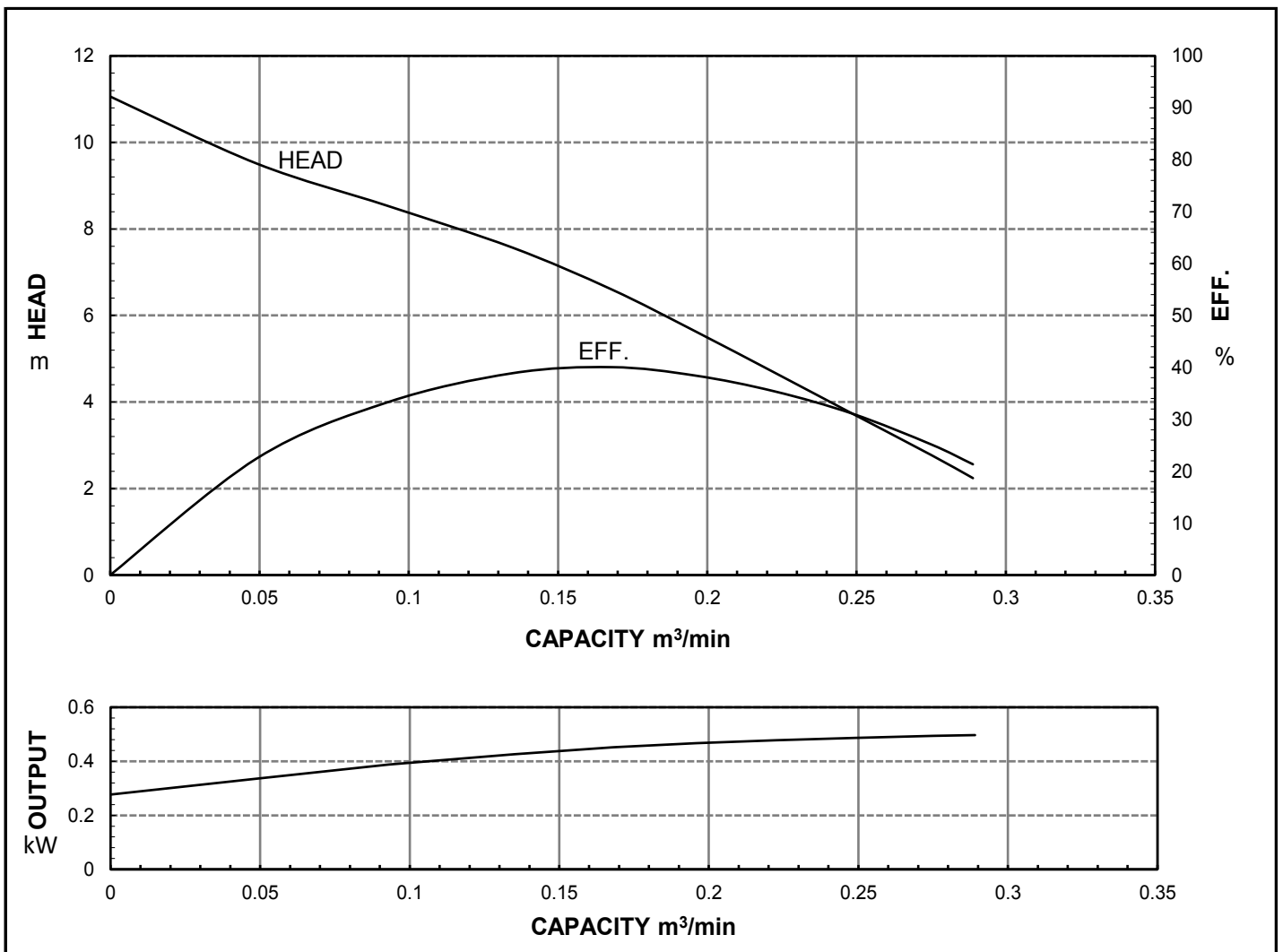


HCP PUMP

FILE NO. PC-M-E6-50SA2.4A3

PUMP PERFORMANCE CURVES

MODEL	50SA2.4A					VER. NO. AH0104	
	STANDARD SPECIFICATION					REFERENCE SPECIFICATION	
FREQUENCY	60 Hz						
DISCHARGE	2 inch		/ 50 mm				
OUTPUT	0.5 HP		/ 0.4 kW			HP	kW
HEAD	7 m						
CAPACITY	0.1 m ³ /min						
PHASE/VOLTAGE	3 Ø	220 V	230 V	380 V	440 V	460 V	Ø V
RATED CURRENT		2.3 A	2.2 A	1.3 A	1.2 A	1.1 A	A
POLE / rpm	2 P		/ 3380 rpm				
START METHOD	DIRECT						
INSULATION CLASS	B						
REMARK							



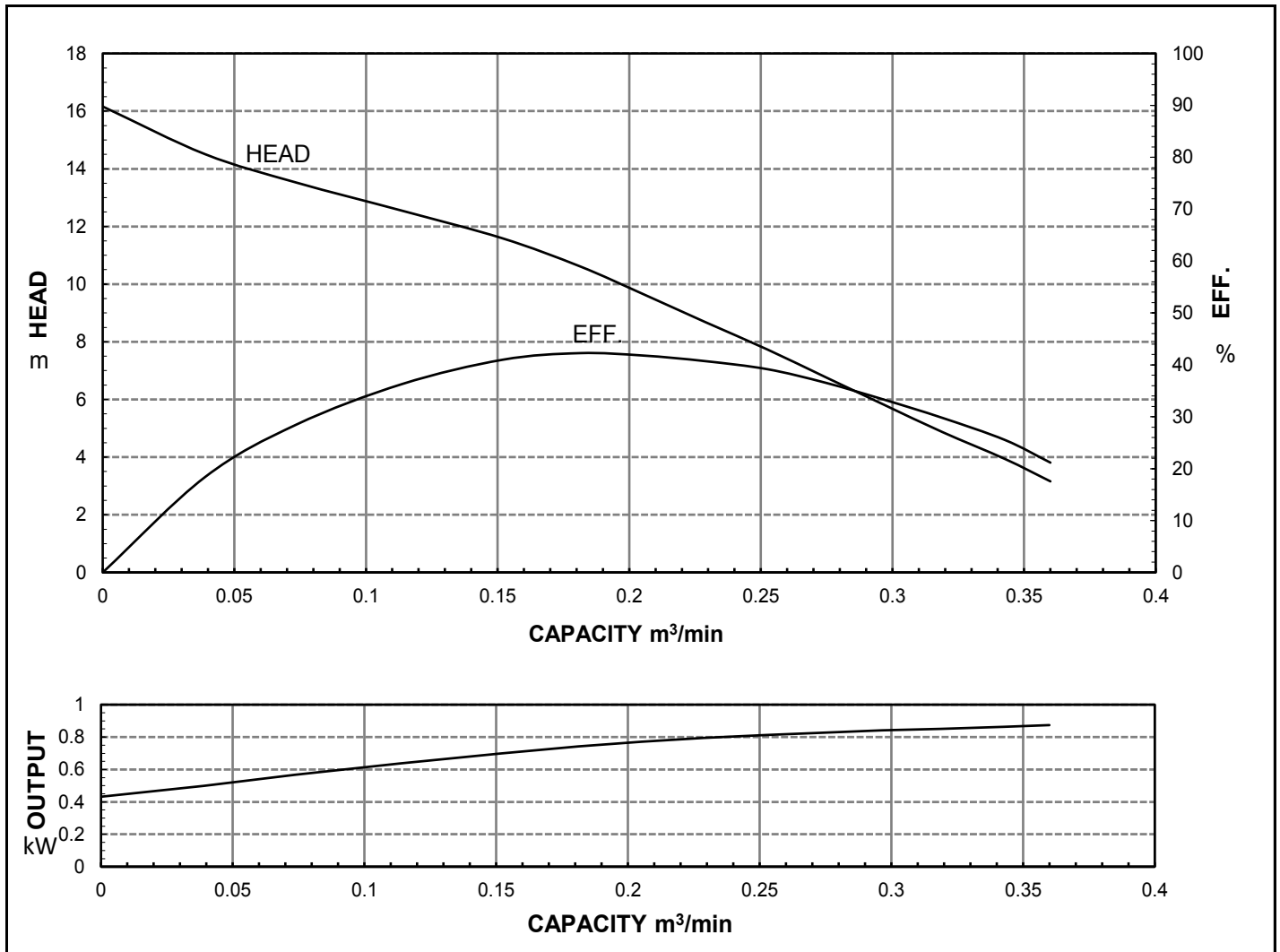
HCP PUMP MANUFACTURER CO.,LTD.



HCP PUMP

FILE NO. PC-M-E6-50SA2.8A1

PUMP PERFORMANCE CURVES							
MODEL	50SA2.8A					VER. NO. AH0104	
	STANDARD SPECIFICATION					REFERENCE SPECIFICATION	
FREQUENCY	60 Hz						
DISCHARGE	2	inch /		50	mm		
OUTPUT	1	HP /		0.75	HP	kW	
HEAD	10 m						
CAPACITY	0.17 m ³ /min						
PHASE/VOLTAGE	1 Ø	110 V	115 V	208 V	220 V	230 V	Ø V
RATED CURRENT		10.4 A	10.0 A	5.4 A	5.2 A	5.0 A	A
POLE / rpm	2	P /		3420	rpm		
START METHOD	CAPACITOR START						
INSULATION CLASS	B						
REMARK							



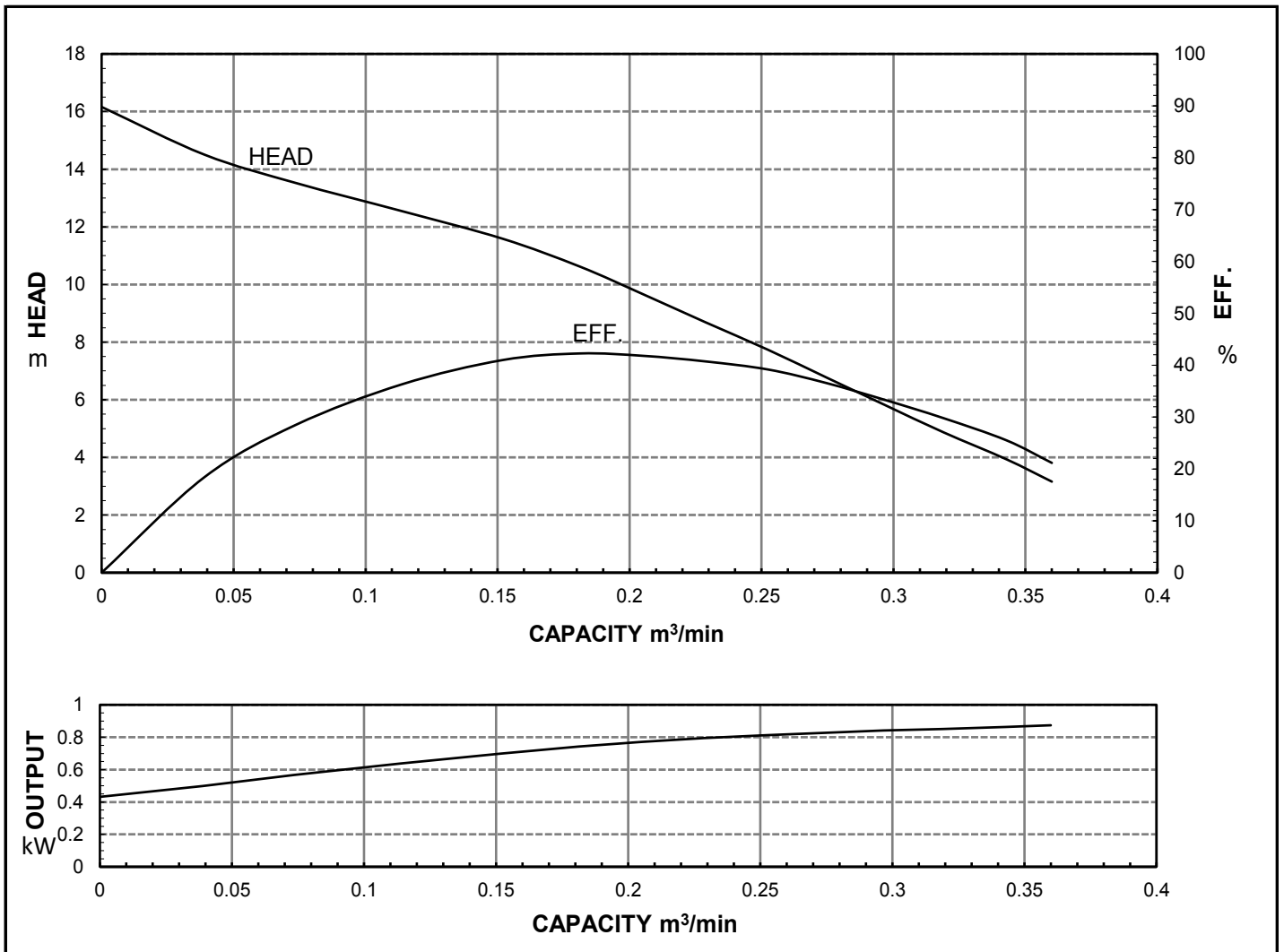
HCP PUMP MANUFACTURER CO.,LTD.



HCP PUMP

FILE NO. PC-M-E6-50SA2.8A3

PUMP PERFORMANCE CURVES							
MODEL	50SA2.8A					VER. NO. AH0104	
	STANDARD SPECIFICATION					REFERENCE SPECIFICATION	
FREQUENCY	60 Hz						
DISCHARGE	2	inch /		50	mm		
OUTPUT	1	HP /		0.75	HP	kW	
HEAD	10 m						
CAPACITY	0.17 m ³ /min						
PHASE/VOLTAGE	3 Ø	220 V	230 V	380 V	440 V	460 V	Ø V
RATED CURRENT		3.4 A	3.3 A	1.9 A	1.7 A	1.6 A	A
POLE / rpm	2	P /		3420	rpm		
START METHOD	DIRECT						
INSULATION CLASS	B						
REMARK							



HCP PUMP MANUFACTURER CO.,LTD.

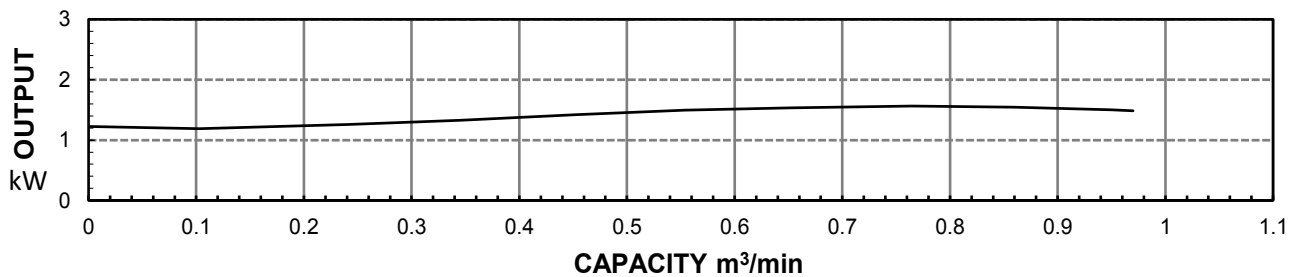
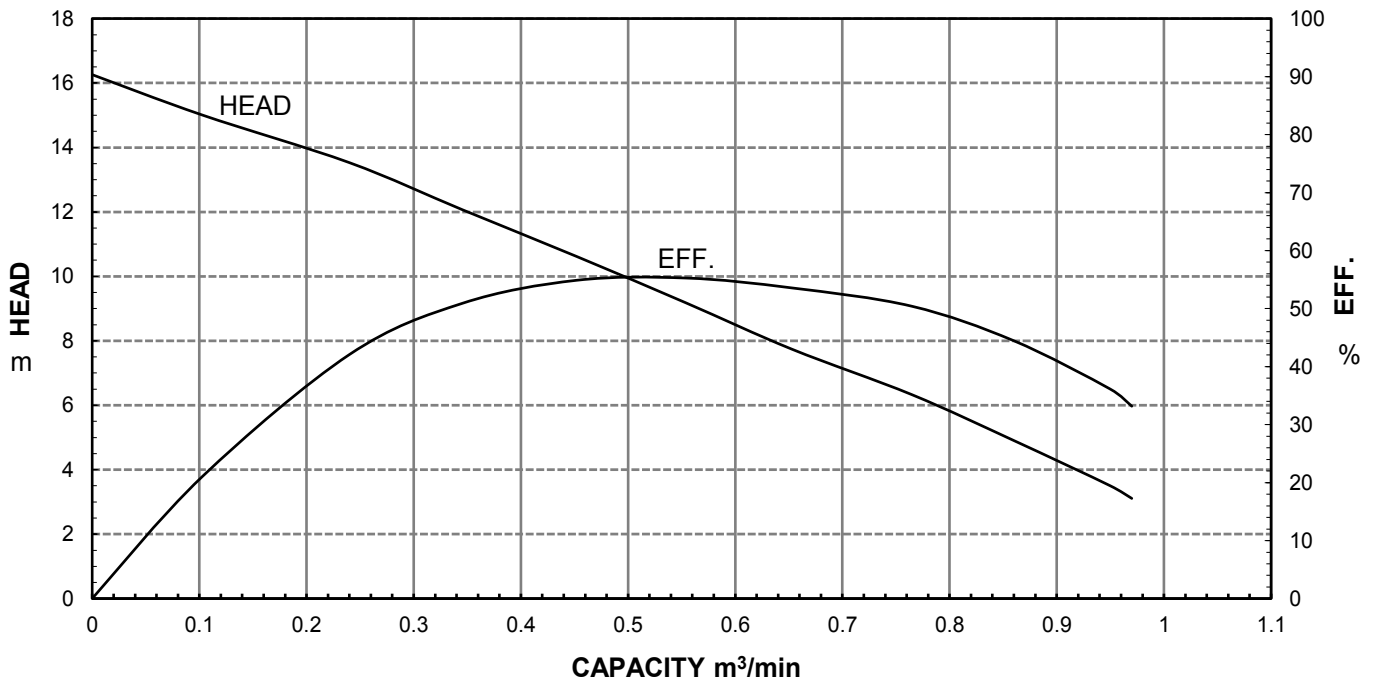


HCP PUMP

FILE NO. PC-M-E6-80SA21.53

PUMP PERFORMANCE CURVES

MODEL	80SA21.5					VER. NO. AH0213	
	STANDARD SPECIFICATION					REFERENCE SPECIFICATION	
FREQUENCY	60 Hz						
DISCHARGE	3	inch	/	80	mm		
OUTPUT	2	HP	/	1.5	kW	HP	kW
HEAD	8 m						
CAPACITY	0.6 m ³ /min						
PHASE/VOLTAGE	3 Ø	220 V	230 V	380 V	440 V	460 V	Ø V
RATED CURRENT		6.0 A	6.0 A	3.4 A	3.0 A	3.0 A	A
POLE / rpm	2	P	/	3440	rpm		
START METHOD	DIRECT						
INSULATION CLASS	B						
REMARK							



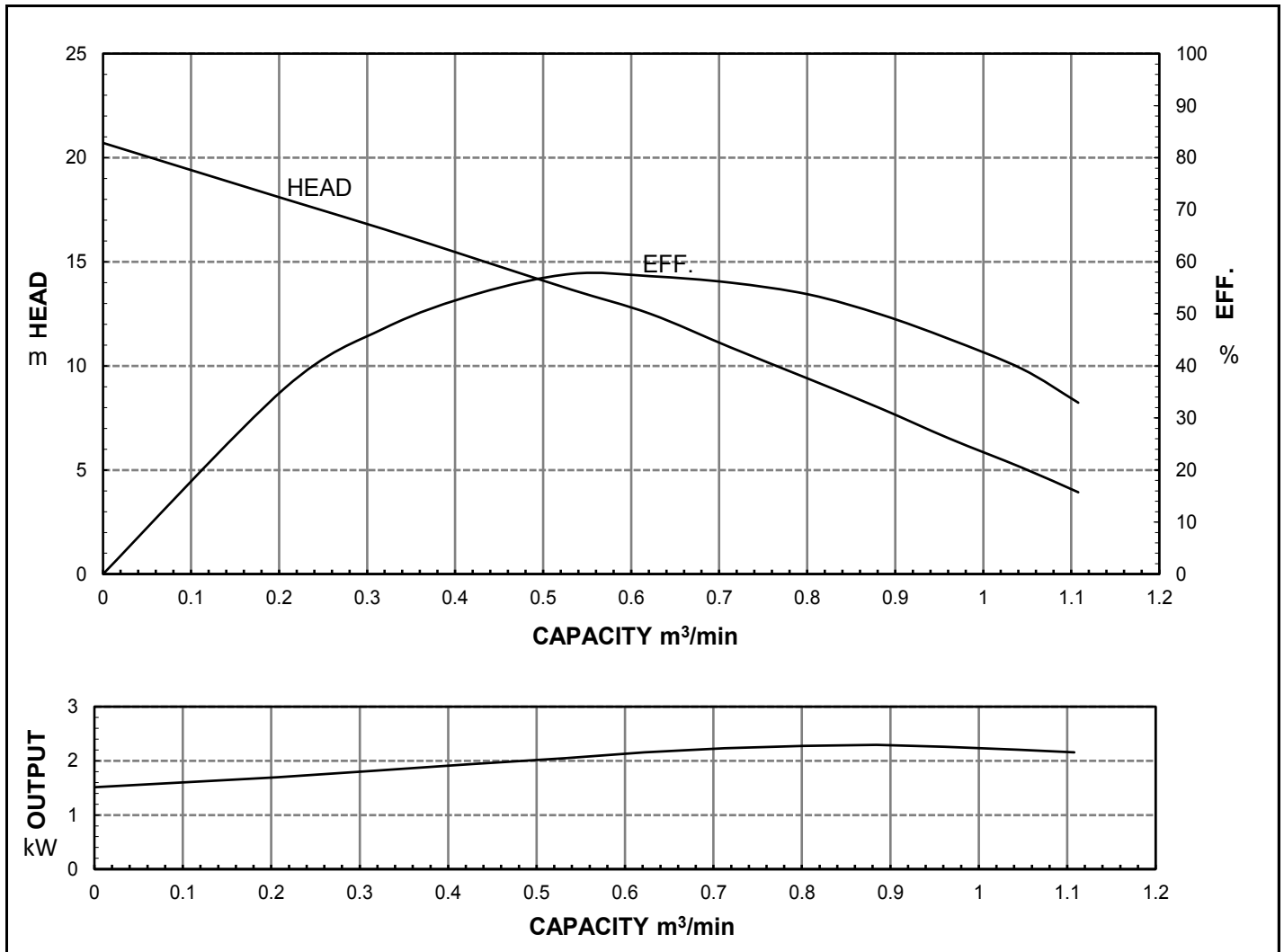
HCP PUMP MANUFACTURER CO.,LTD.



HCP PUMP

FILE NO. PC-M-E6-80SA22.23

PUMP PERFORMANCE CURVES						
MODEL	80SA22.2					VER. NO. AH0104
	STANDARD SPECIFICATION					REFERENCE SPECIFICATION
FREQUENCY	60 Hz					
DISCHARGE	3	inch	/	80	mm	
OUTPUT	3	HP	/	2.2	kW	HP kW
HEAD	12.5 m					
CAPACITY	0.6 m ³ /min					
PHASE/VOLTAGE	3 Ø	220 V	230 V	380 V	440 V	460 V
RATED CURRENT		8.6 A	8.4 A	4.8 A	4.3 A	4.2 A
POLE / rpm	2	P	/	3450	rpm	
START METHOD	DIRECT					
INSULATION CLASS	B					
REMARK						



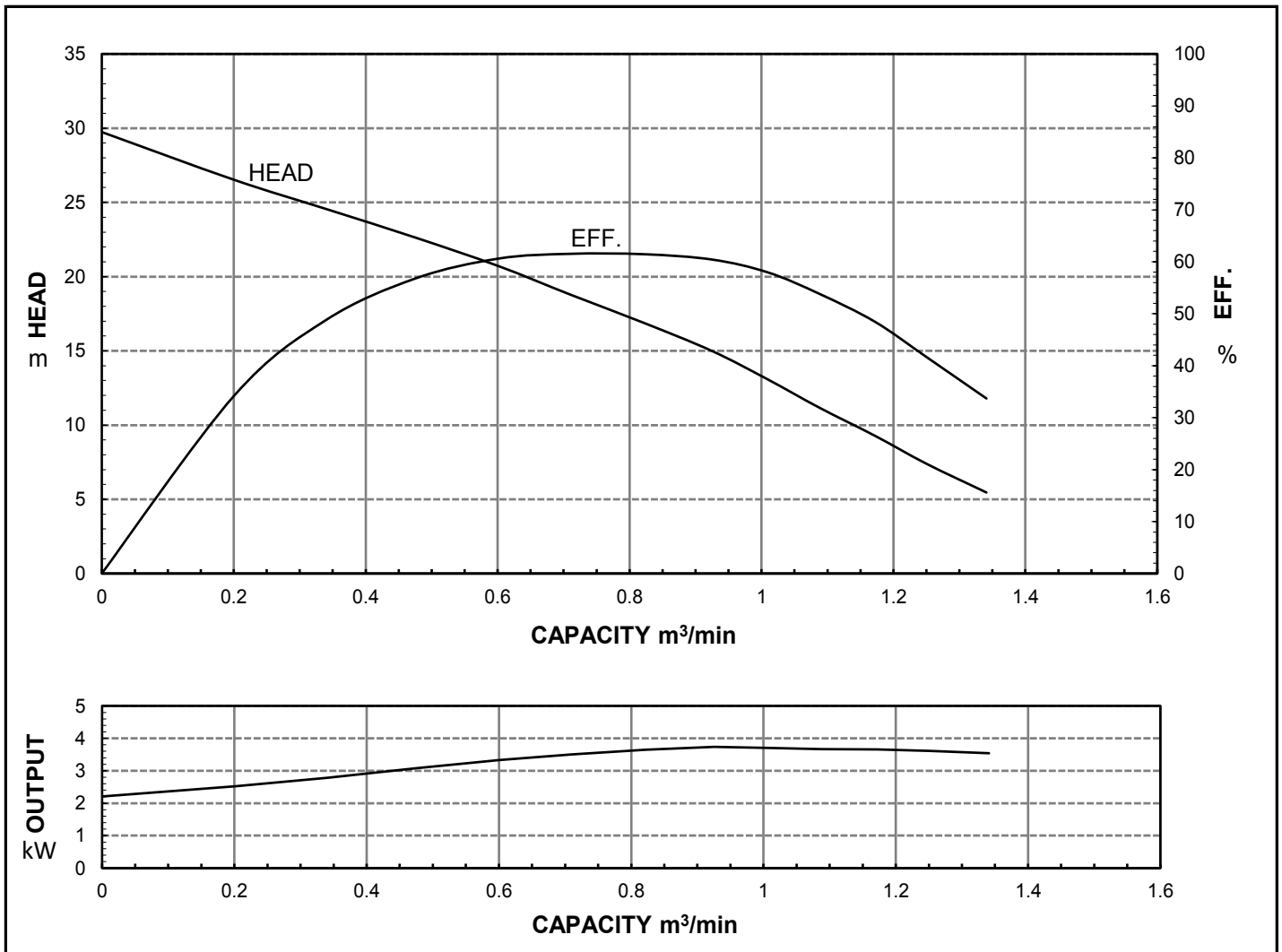
HCP PUMP MANUFACTURER CO.,LTD.



HCP PUMP

FILE NO. PC-M-E6-80SA23.73

PUMP PERFORMANCE CURVES						
MODEL	80SA23.7					VER. NO. AH0104
	STANDARD SPECIFICATION					REFERENCE SPECIFICATION
FREQUENCY	60 Hz					
DISCHARGE	3 inch / 80 mm					
OUTPUT	5 HP / 3.7 kW					HP kW
HEAD	20.5 m					
CAPACITY	0.6 m ³ /min					
PHASE/VOLTAGE	3 Ø	220 V	230 V	380 V	440 V	460 V
RATED CURRENT		13.8 A	13.6 A	7.8 A	6.8 A	6.5 A
POLE / rpm	2 P / 3460 rpm					
START METHOD	DIRECT					
INSULATION CLASS	F					
REMARK						



HCP PUMP MANUFACTURER CO.,LTD.

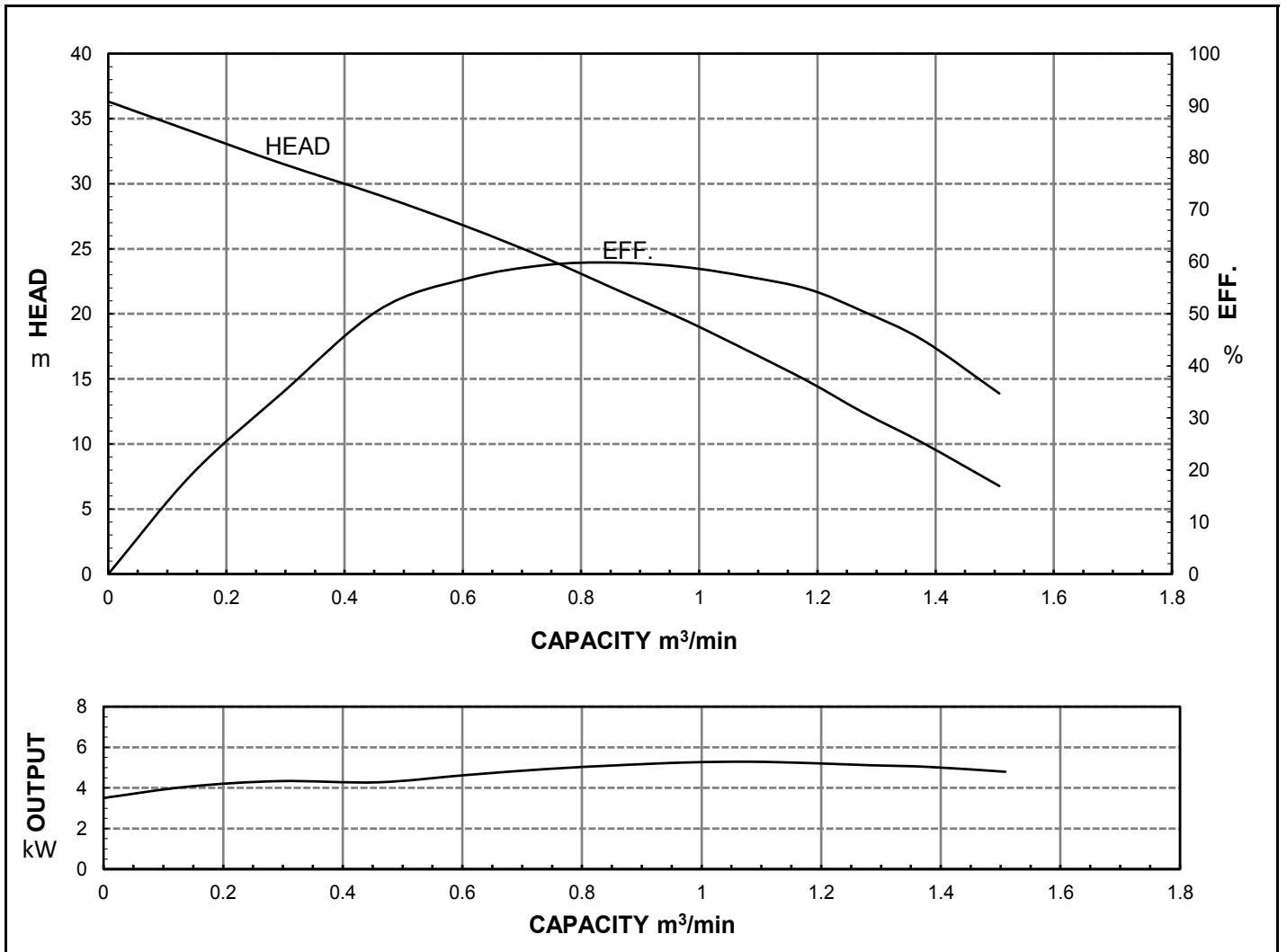


HCP PUMP

FILE NO. PC-M-E6-80(100)SA25.53

PUMP PERFORMANCE CURVES

MODEL	80(100)SA25.5					VER. NO. AH0213	
	STANDARD SPECIFICATION					REFERENCE SPECIFICATION	
FREQUENCY	60 Hz						
DISCHARGE	3	inch	/	80	mm		
OUTPUT	7.5	HP	/	5.5	kW	HP	kW
HEAD	26.5 m						
CAPACITY	0.6 m ³ /min						
PHASE/VOLTAGE	3 Ø	220 V	230 V	380 V	440 V	460 V	Ø V
RATED CURRENT		19.8 A	19.0 A	11.5 A	9.9 A	9.5 A	A
POLE / rpm	2	P	/	3480	rpm		
START METHOD	DIRECT						
INSULATION CLASS	F						
REMARK							



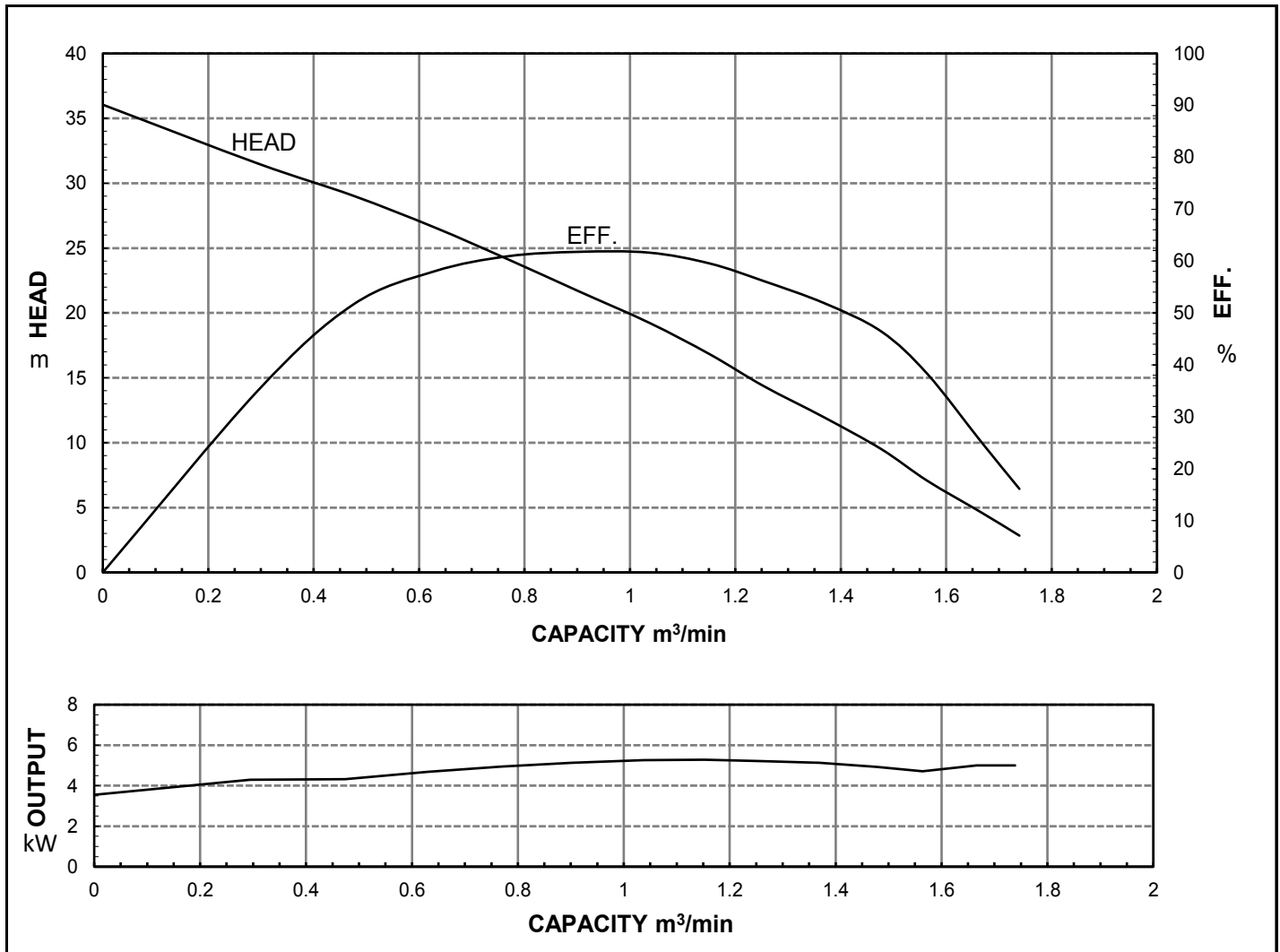
HCP PUMP MANUFACTURER CO.,LTD.



HCP PUMP

FILE NO. PC-M-E6-80(100)SA25.53

PUMP PERFORMANCE CURVES						
MODEL	80(100)SA25.5					VER. NO. AH0104
	STANDARD SPECIFICATION					REFERENCE SPECIFICATION
FREQUENCY	60 Hz					
DISCHARGE	4	inch	/	100	mm	
OUTPUT	7.5	HP	/	5.5	kW	HP kW
HEAD	20 m					
CAPACITY	1 m ³ /min					
PHASE/VOLTAGE	3 Ø	220 V	230 V	380 V	440 V	460 V
RATED CURRENT		19.8 A	19.0 A	11.5 A	9.9 A	9.5 A
POLE / rpm	2	P	/	3480	rpm	
START METHOD	DIRECT					
INSULATION CLASS	F					
REMARK						



HCP PUMP MANUFACTURER CO.,LTD.

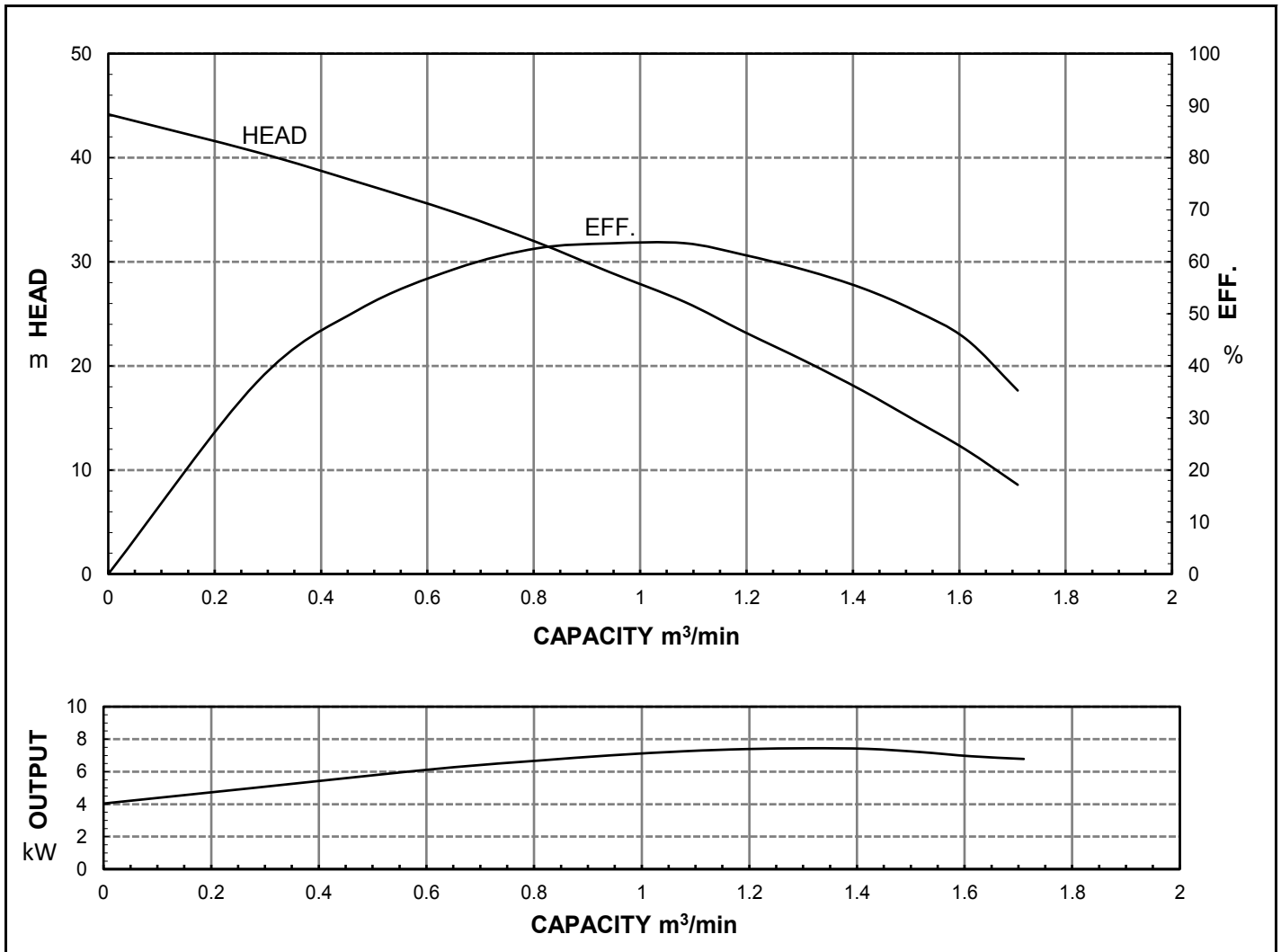


HCP PUMP

FILE NO. PC-M-E6-80(100)SA27.53

PUMP PERFORMANCE CURVES

MODEL	80(100)SA27.5					VER. NO. AH0104	
	STANDARD SPECIFICATION					REFERENCE SPECIFICATION	
FREQUENCY	60 Hz						
DISCHARGE	3	inch	/	80	mm		
OUTPUT	10	HP	/	7.5	kW	HP	kW
HEAD	35 m						
CAPACITY	0.6 m ³ /min						
PHASE/VOLTAGE	3 Ø	220 V	230 V	380 V	440 V	460 V	Ø V
RATED CURRENT		25.8 A	24.6 A	15.0 A	12.9 A	12.3 A	A
POLE / rpm	2	P	/	3490	rpm		
START METHOD	DIRECT						
INSULATION CLASS	F						
REMARK							



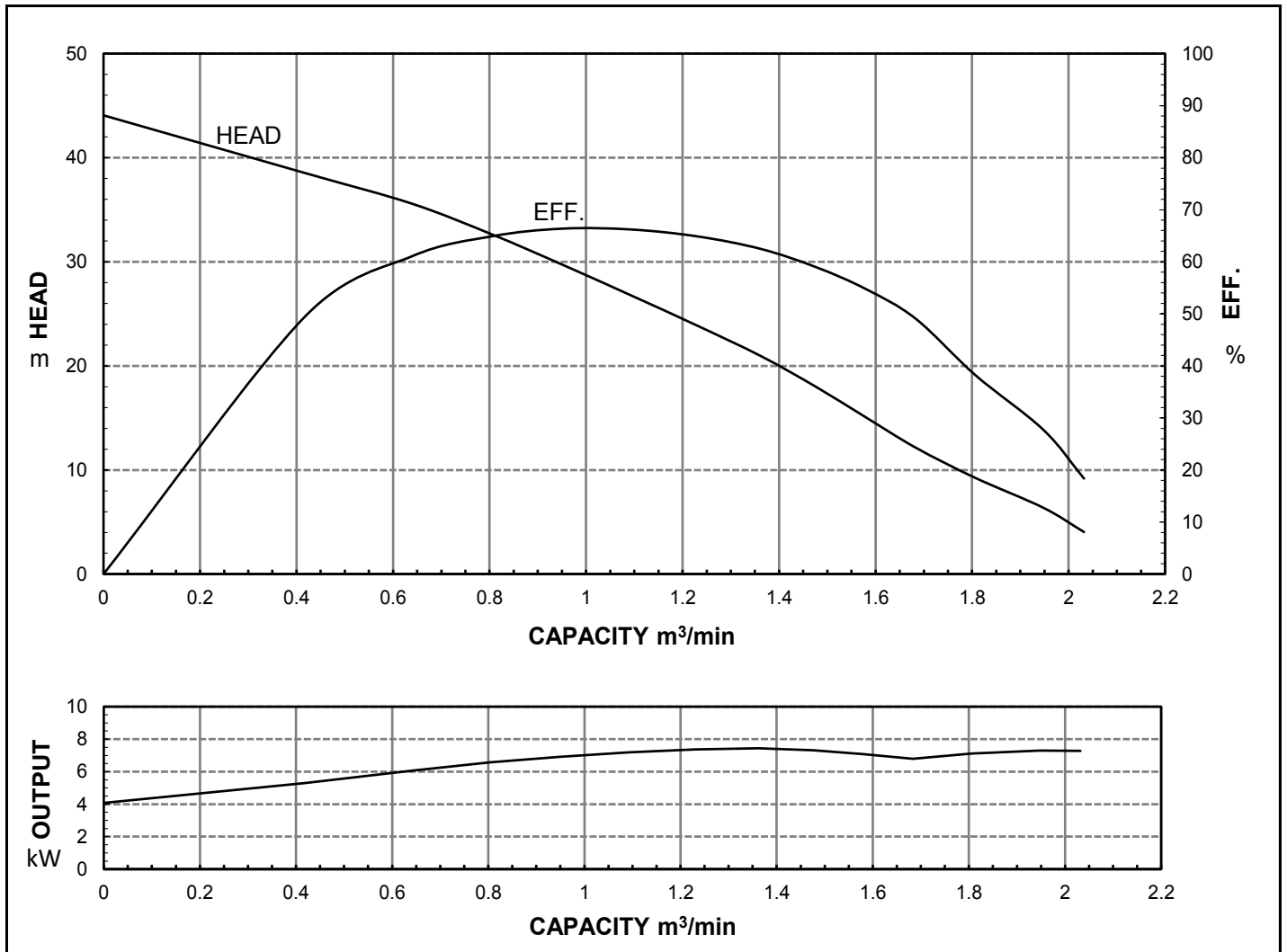
HCP PUMP MANUFACTURER CO.,LTD.



HCP PUMP

FILE NO. PC-M-E6-80(100)SA27.53

PUMP PERFORMANCE CURVES						
MODEL	80(100)SA27.5					VER. NO. AH0104
	STANDARD SPECIFICATION					REFERENCE SPECIFICATION
FREQUENCY	60 Hz					
DISCHARGE	4	inch	/	100	mm	
OUTPUT	10	HP	/	7.5	kW	HP kW
HEAD	28 m					
CAPACITY	1 m ³ /min					
PHASE/VOLTAGE	3 Ø	220 V	230 V	380 V	440 V	460 V
RATED CURRENT		25.8 A	24.6 A	15.0 A	12.9 A	12.3 A
POLE / rpm	2	P	/	3490	rpm	
START METHOD	DIRECT					
INSULATION CLASS	F					
REMARK						



HCP PUMP MANUFACTURER CO.,LTD.

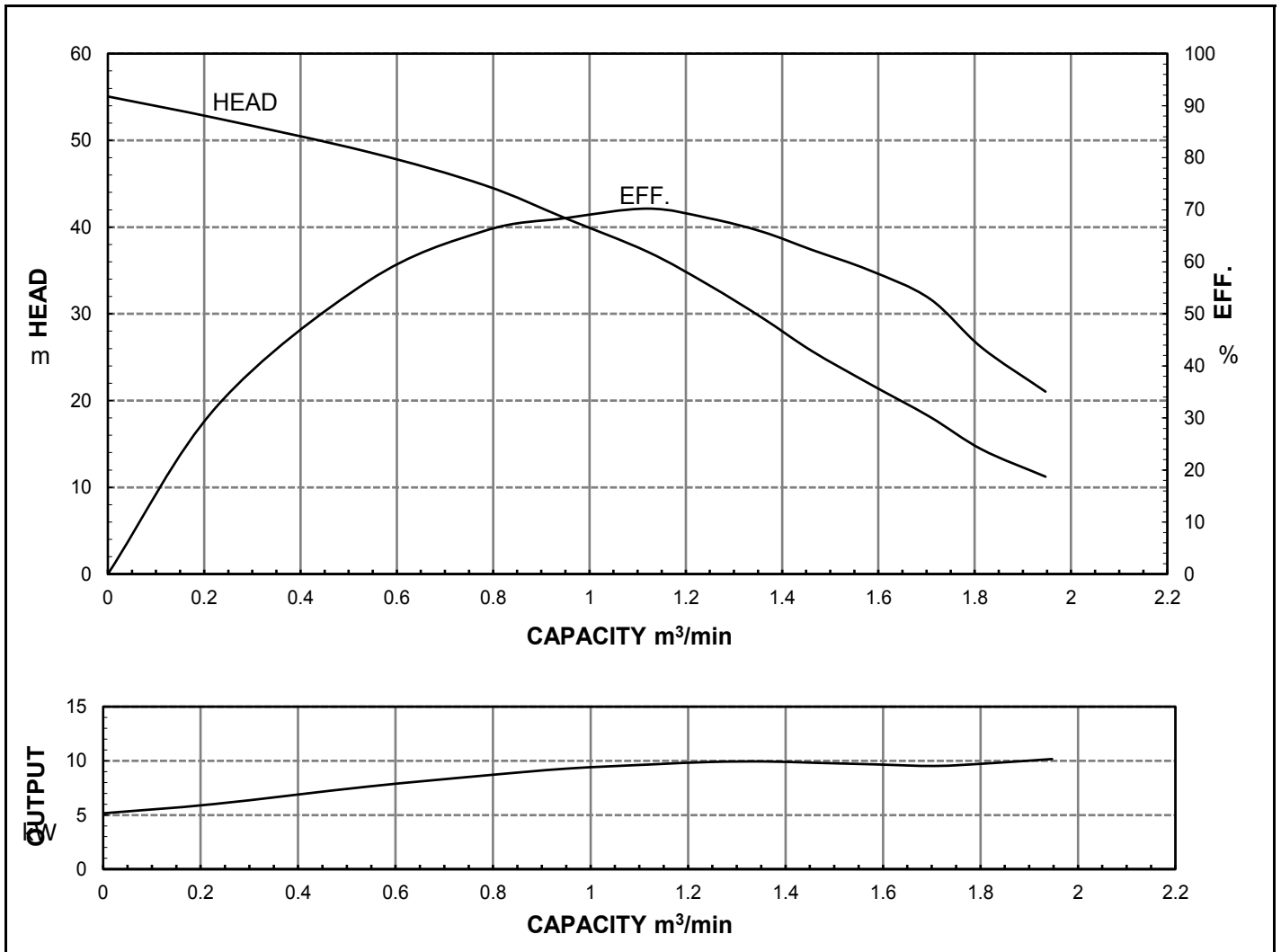


HCP PUMP

FILE NO. PC-M-E6-80(100)SA2113

PUMP PERFORMANCE CURVES

MODEL	80(100)SA211					VER. NO. AH0104	
	STANDARD SPECIFICATION					REFERENCE SPECIFICATION	
FREQUENCY	60 Hz						
DISCHARGE	3	inch	/	80	mm		
OUTPUT	15	HP	/	11	kW	HP	kW
HEAD	47 m						
CAPACITY	0.6 m ³ /min						
PHASE/VOLTAGE	3 Ø	220 V	230 V	380 V	440 V	460 V	Ø V
RATED CURRENT		37.0 A	35.5 A	21.8 A	18.5 A	17.7 A	A
POLE / rpm	2	P	/	3490	rpm		
START METHOD	STAR-DELTA						
INSULATION CLASS	F						
REMARK							



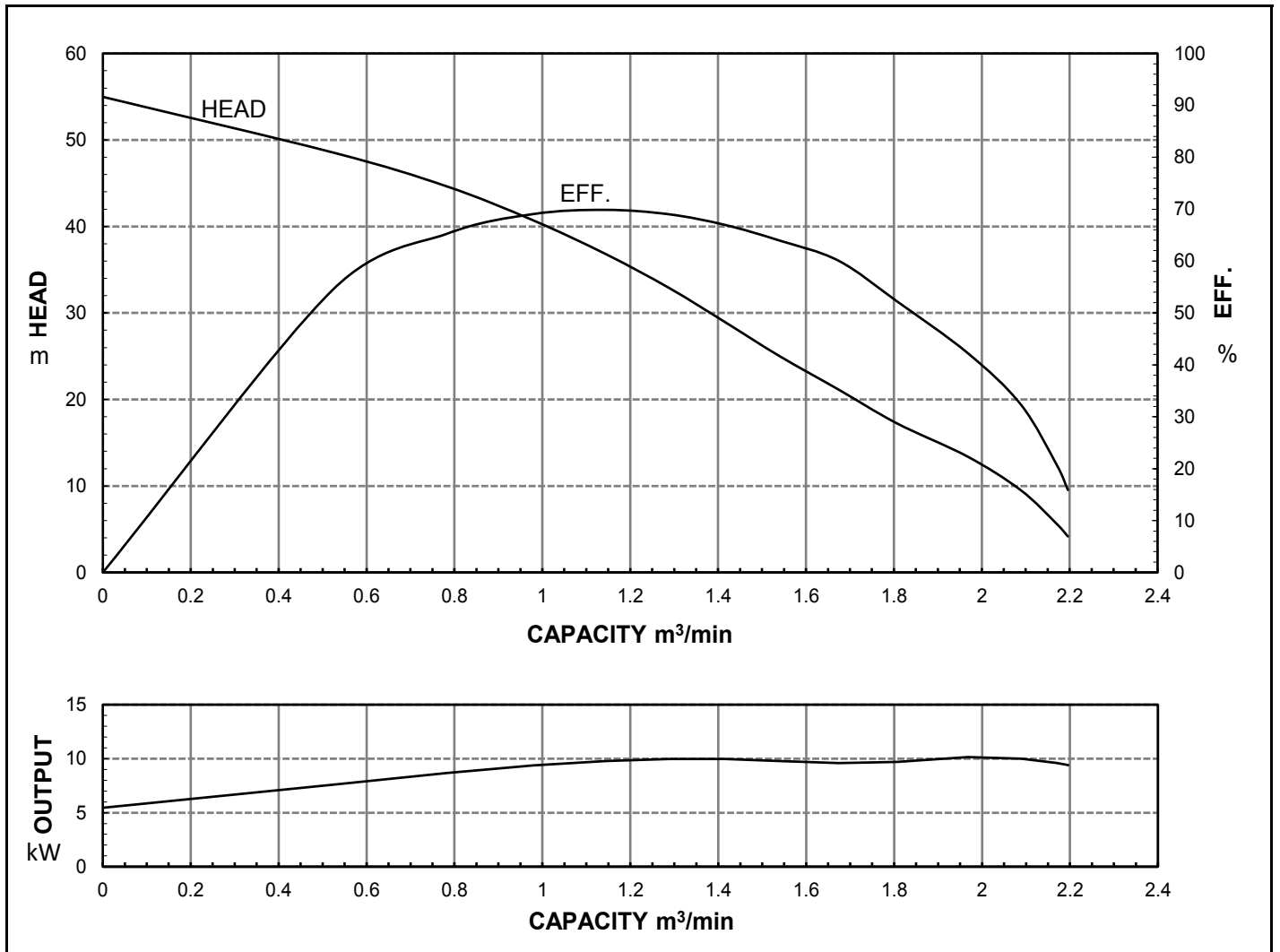
HCP PUMP MANUFACTURER CO.,LTD.



HCP PUMP

FILE NO. PC-M-E6-80(100)SA2113

PUMP PERFORMANCE CURVES						
MODEL	80(100)SA211					VER. NO. AH0104
	STANDARD SPECIFICATION					REFERENCE SPECIFICATION
FREQUENCY	60 Hz					
DISCHARGE	4 inch	/			100 mm	
OUTPUT	15 HP	/			11 kW	HP kW
HEAD	39.5 m					
CAPACITY	1 m ³ /min					
PHASE/VOLTAGE	3 Ø	220 V	230 V	380 V	440 V	460 V
RATED CURRENT		37.0 A	35.5 A	21.8 A	18.5 A	17.7 A
POLE / rpm	2 P	/			3490 rpm	
START METHOD	STAR-DELTA					
INSULATION CLASS	F					
REMARK						



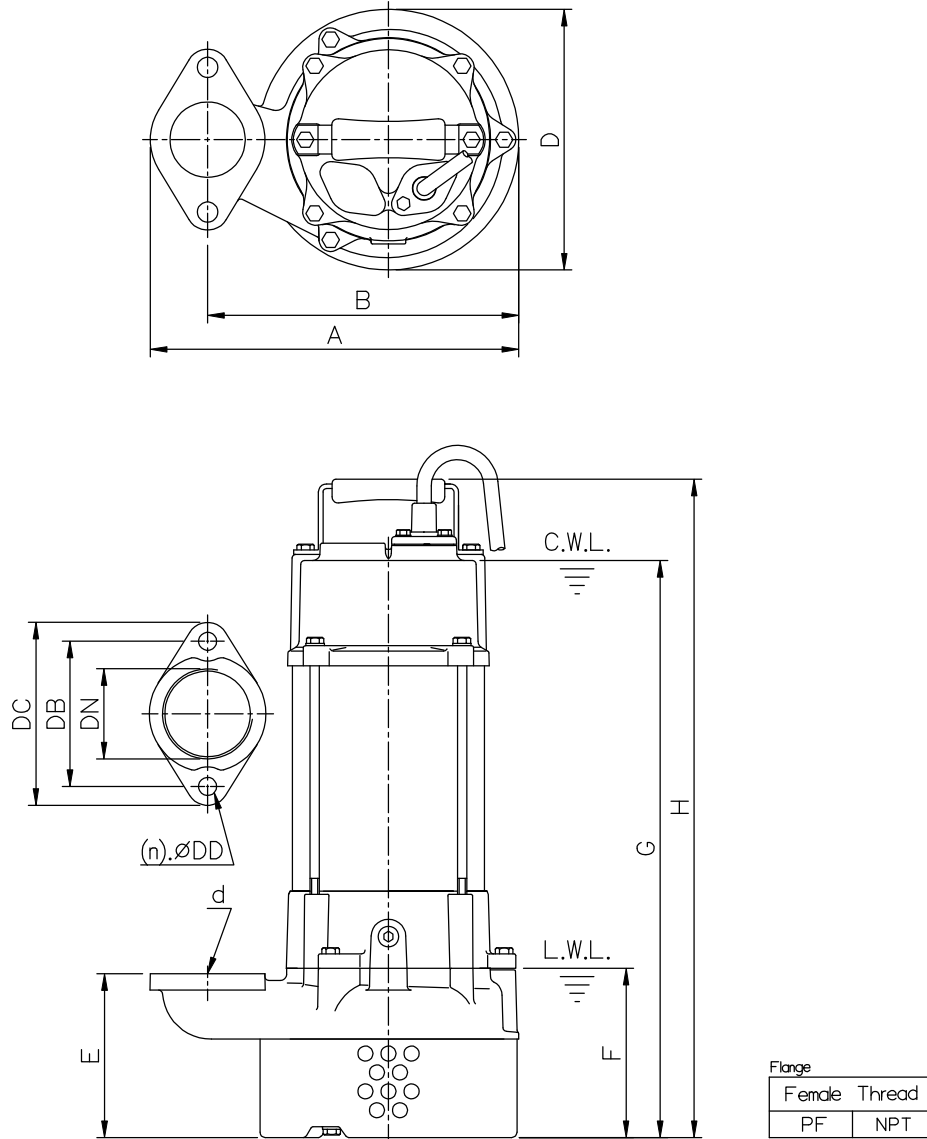
HCP PUMP MANUFACTURER CO.,LTD.

DIMENSIONS

No: S2SA0208A30-11

MODEL:50SA2.4A & 50SA2.8A

1Ø & 3Ø



Dimensions-mm

Weight:kg

Model	d	A	B	D	E	F	G	H	WT1	Elbow (Flange) Set	DN	DB	DC	DD	(n)QTY	WT2
50SA2.4A 1Ø	50	244	206	172	108	112	382	435	14	ESF2-96K	50	96	121	12	2	1
50SA2.8A 1Ø	50	244	206	172	108	112	382	435	16	ESF2-96K	50	96	121	12	2	1
50SA2.4A 3Ø	50	244	206	172	108	112	382	435	14	ESF2-96K	50	96	121	12	2	1
50SA2.8A 3Ø	50	244	206	172	108	112	382	435	15	ESF2-96K	50	96	121	12	2	1

Dimensions-inch

Weight:lb

Model	d	A	B	D	E	F	G	H	WT1	Elbow (Flange) Set	DN	DB	DC	DD	(n)QTY	WT2
50SA2.4A 1Ø	2	9 ⁵ / ₈	8 ¹ / ₈	6 ³ / ₄	4 ¹ / ₄	4 ⁷ / ₁₆	15 ¹ / ₁₆	17 ¹ / ₈	31	ESF2-96K	2	3 ³ / ₄	4 ³ / ₄	1/2	2	1
50SA2.8A 1Ø	2	9 ⁵ / ₈	8 ¹ / ₈	6 ³ / ₄	4 ¹ / ₄	4 ⁷ / ₁₆	15 ¹ / ₁₆	17 ¹ / ₈	35	ESF2-96K	2	3 ³ / ₄	4 ³ / ₄	1/2	2	1
50SA2.4A 3Ø	2	9 ⁵ / ₈	8 ¹ / ₈	6 ³ / ₄	4 ¹ / ₄	4 ⁷ / ₁₆	15 ¹ / ₁₆	17 ¹ / ₈	31	ESF2-96K	2	3 ³ / ₄	4 ³ / ₄	1/2	2	1
50SA2.8A 3Ø	2	9 ⁵ / ₈	8 ¹ / ₈	6 ³ / ₄	4 ¹ / ₄	4 ⁷ / ₁₆	15 ¹ / ₁₆	17 ¹ / ₈	33	ESF2-96K	2	3 ³ / ₄	4 ³ / ₄	1/2	2	1

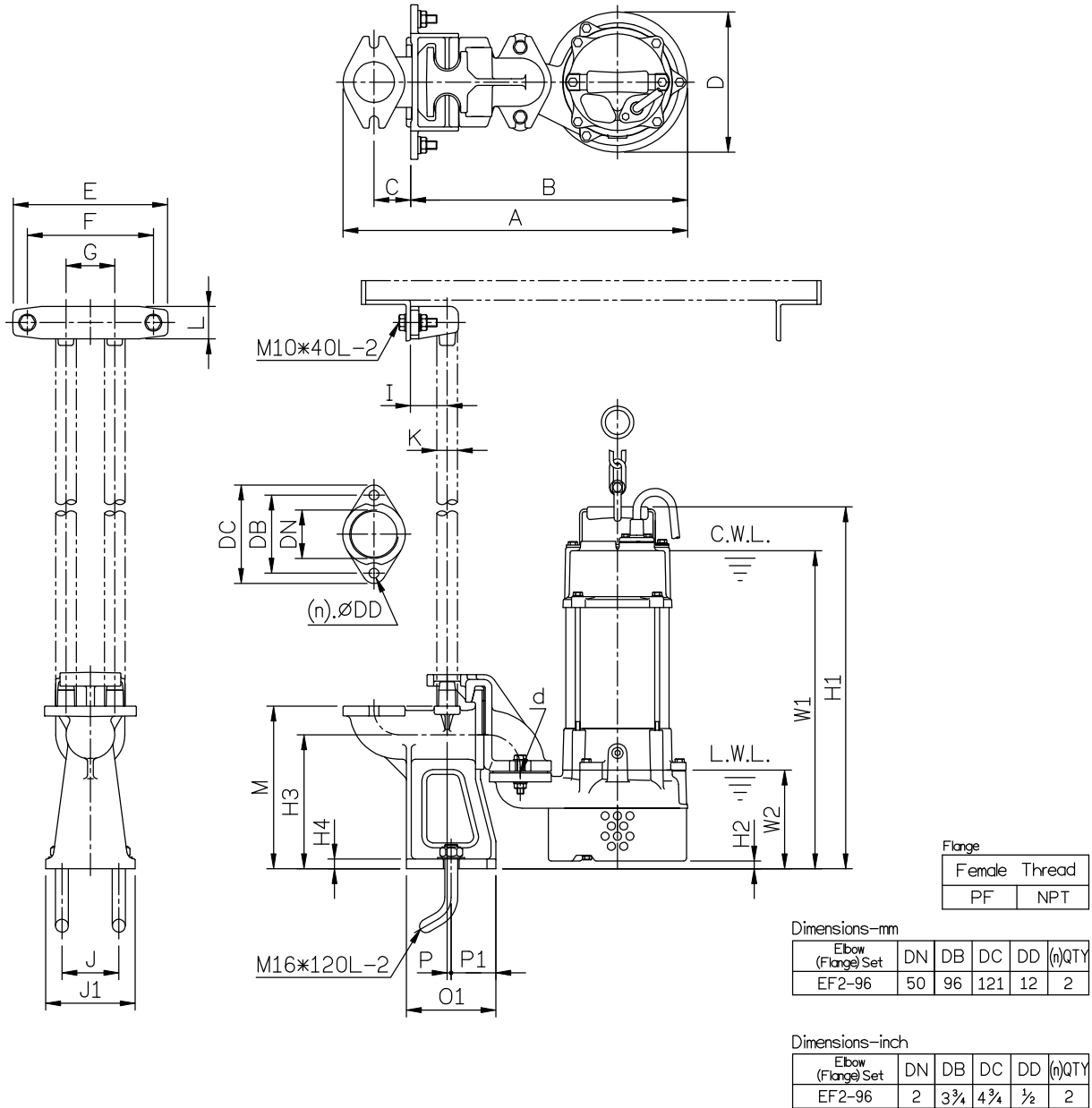
C.W.L.:Continuous Running Water Level WT1:Pump Weight(Without Cable)
L.W.L.:Lowest Running Water Level WT2:Elbow Set Weight

DIMENSIONS

No: S2SA0208A3T-11

MODEL:50SA2.4A & 50SA2.8A

1Ø & 3Ø



Dimensions-mm

Weight:kg

Model	d	A	B	C	D	E	F	G	I	J	J1	K	L	M	O1	P	P1	W1	W2	H1	H2	H3	H4	WT1	GRS Set	WT2
50SA2.4A 1Ø	50	424	341	45	172	190	155	60	45	70	110	3/4"	40	200	110	5	55	392	121	445	10	165	12	14	ST2-50	9
50SA2.8A 1Ø	50	424	341	45	172	190	155	60	45	70	110	3/4"	40	200	110	5	55	392	121	445	10	165	12	16	ST2-50	9
50SA2.4A 3Ø	50	424	341	45	172	190	155	60	45	70	110	3/4"	40	200	110	5	55	392	121	445	10	165	12	14	ST2-50	9
50SA2.8A 3Ø	50	424	341	45	172	190	155	60	45	70	110	3/4"	40	200	110	5	55	392	121	445	10	165	12	15	ST2-50	9

Dimensions-inch

Weight:lb

Model	d	A	B	C	D	E	F	G	I	J	J1	K	L	M	O1	P	P1	W1	W2	H1	H2	H3	H4	WT1	GRS Set	WT2
50SA2.4A 1Ø	2	16 1/16	13 3/16	1 3/4	6 3/4	7 1/2	6 1/8	2 3/8	1 3/4	2 3/4	4 5/16	3/4	1 1/16	7 5/16	4 5/16	3/16	2 3/16	15 1/16	4 3/4	17 1/2	3/8	6 1/2	1/2	31	ST2-50	20
50SA2.8A 1Ø	2	16 1/16	13 3/16	1 3/4	6 3/4	7 1/2	6 1/8	2 3/8	1 3/4	2 3/4	4 5/16	3/4	1 1/16	7 5/16	4 5/16	3/16	2 3/16	15 1/16	4 3/4	17 1/2	3/8	6 1/2	1/2	35	ST2-50	20
50SA2.4A 3Ø	2	16 1/16	13 3/16	1 3/4	6 3/4	7 1/2	6 1/8	2 3/8	1 3/4	2 3/4	4 5/16	3/4	1 1/16	7 5/16	4 5/16	3/16	2 3/16	15 1/16	4 3/4	17 1/2	3/8	6 1/2	1/2	31	ST2-50	20
50SA2.8A 3Ø	2	16 1/16	13 3/16	1 3/4	6 3/4	7 1/2	6 1/8	2 3/8	1 3/4	2 3/4	4 5/16	3/4	1 1/16	7 5/16	4 5/16	3/16	2 3/16	15 1/16	4 3/4	17 1/2	3/8	6 1/2	1/2	33	ST2-50	20

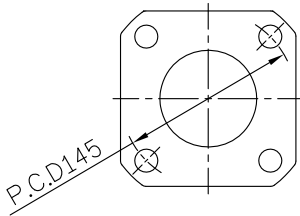
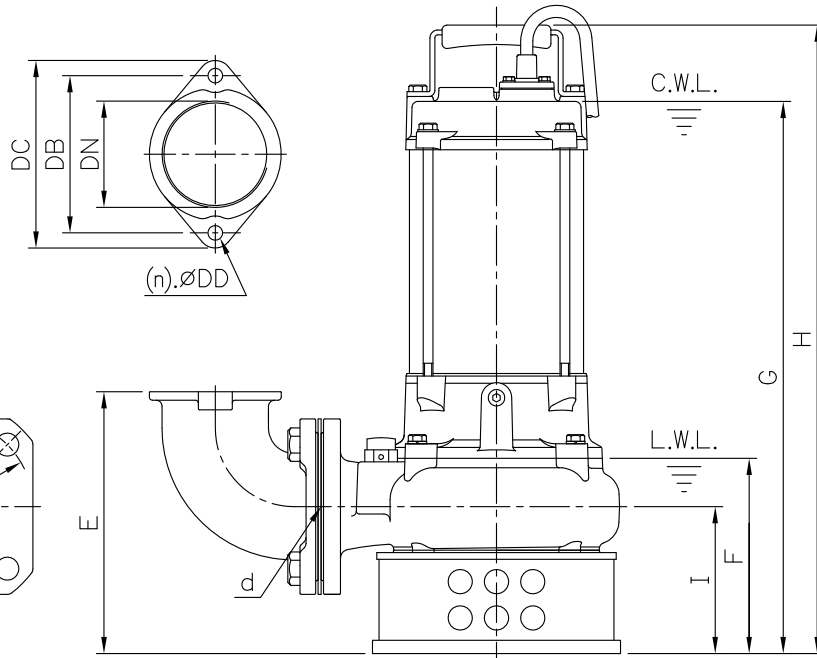
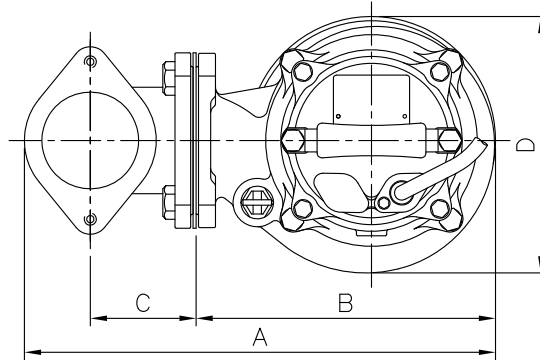
C.W.L.:Continuous Running Water Level WT1:Pump Weight(Without Cable)
L.W.L.:Lowest Running Water Level WT2:GRS Set Weight

DIMENSIONS

No: S3SA0222030-00

MODEL: 80SA21.5 & 80SA22.2

3Ø



Flange	
Female	Thread
PT	NPT

Dimensions—mm

Weight:kg

Model	d	A	B	C	D	E	F	G	H	I	WT1 50Hz/60Hz	Elbow (Flange) Set	DN	DB	DC	DD	(n)QTY	WT2
80SA21.5	80	390	248	88	212	217	162	457	520	122	30/29	ESB3-130K	80	130	155	12	2	4
80SA22.2	80	390	248	88	212	217	162	457	520	122	33/32	ESB3-130K	80	130	155	12	2	4

Dimensions—inch

Weight:lb

Model	d	A	B	C	D	E	F	G	H	I	WT1 50Hz/60Hz	Elbow (Flange) Set	DN	DB	DC	DD	(n)QTY	WT2
80SA21.5	3	15 ³ / ₈	9 ³ / ₄	3 ⁷ / ₁₆	8 ³ / ₈	8 ⁹ / ₁₆	6 ³ / ₈	18	20 ¹ / ₂	4 ¹³ / ₁₆	66/64	ESB3-130K	3	5 ¹ / ₈	6 ¹ / ₈	1/2	2	9
80SA22.2	3	15 ³ / ₈	9 ³ / ₄	3 ⁷ / ₁₆	8 ³ / ₈	8 ⁹ / ₁₆	6 ³ / ₈	18	20 ¹ / ₂	4 ¹³ / ₁₆	73/71	ESB3-130K	3	5 ¹ / ₈	6 ¹ / ₈	1/2	2	9

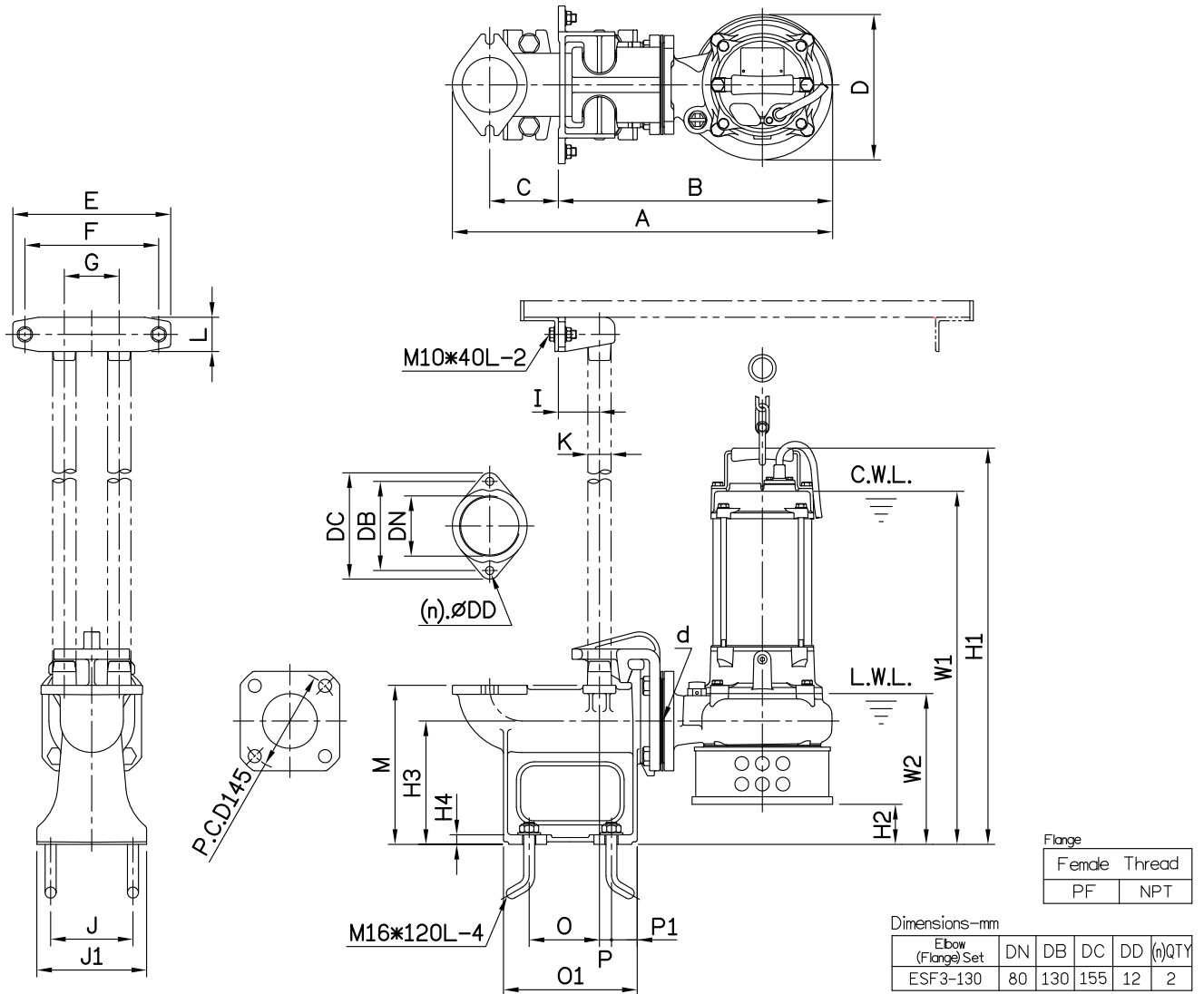
C.W.L.:Continuous Running Water Level WT1:Pump Weight(Without Cable)
L.W.L.:Lowest Running Water Level WT2:Elbow Set Weight

DIMENSIONS

No: S3SA022203T-00

MODEL: 80SA21.5 & 80SA22.2

30



Flange	
Female	Thread
PF	NPT

Dimensions-mm						
Ebow (Flange) Set	DN	DB	DC	DD	(n)QTY	
ESF3-130	80	130	155	12	2	

Dimensions-inch						
Ebow (Flange) Set	DN	DB	DC	DD	(n)QTY	
ESF3-130	3	5 1/8	6 1/8	1/2	2	

Dimensions-mm																				Weight:kg							
Model	d	A	B	C	D	E	F	G	I	J	J1	K	L	M	O	O1	P	P1	W1	W2	H1	H2	H3	H4	WT1 50Hz/60Hz	GRS Set	WT2
80SA21.5	80	555	400	100	212	230	195	80	60	120	160	1 1/4	50	232	103	195	18	38	515	220	578	59	180	14	30/29	ST2-80	19
80SA22.2	80	555	400	100	212	230	195	80	60	120	160	1 1/4	50	232	103	195	18	38	515	220	578	59	180	14	33/32	ST2-80	19

Dimensions-inch																				Weight:lb							
Model	d	A	B	C	D	E	F	G	I	J	J1	K	L	M	O	O1	P	P1	W1	W2	H1	H2	H3	H4	WT1 50Hz/60Hz	GRS Set	WT2
80SA21.5	3	21 3/8	15 3/4	3 15/16	8 3/8	9 1/16	7 11/16	3 1/8	2 3/8	4 3/4	6 5/16	1 1/4	2	9 1/8	4 1/16	7 11/16	1 1/16	1 1/2	20 3/4	8 1/16	22 3/4	2 5/16	7 1/16	9/16	66/64	ST2-80	42
80SA22.2	3	21 3/8	15 3/4	3 15/16	8 3/8	9 1/16	7 11/16	3 1/8	2 3/8	4 3/4	6 5/16	1 1/4	2	9 1/8	4 1/16	7 11/16	1 1/16	1 1/2	20 3/4	8 1/16	22 3/4	2 5/16	7 1/16	9/16	73/71	ST2-80	42

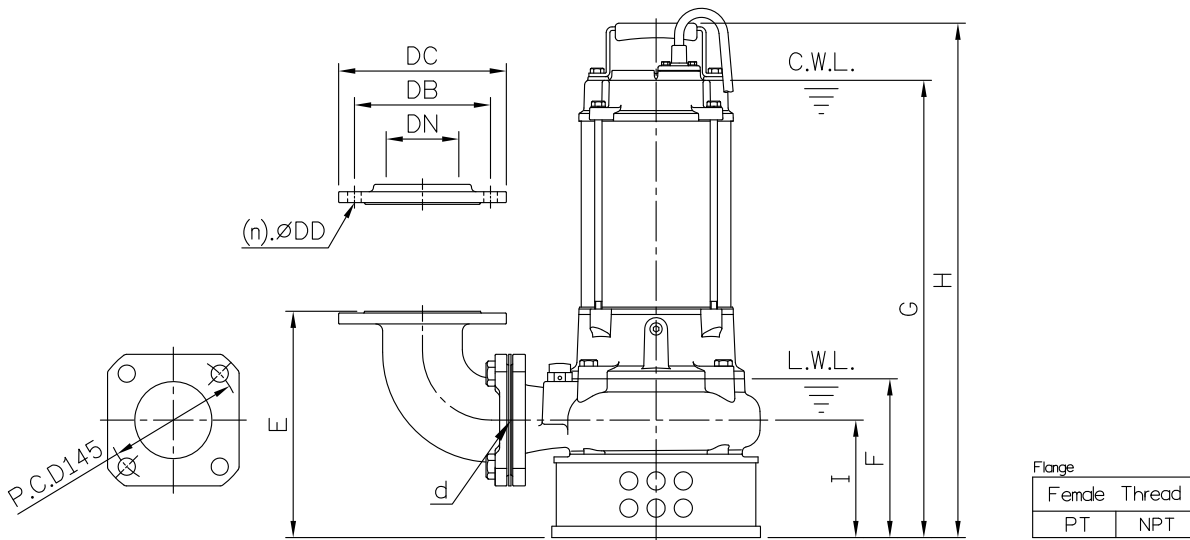
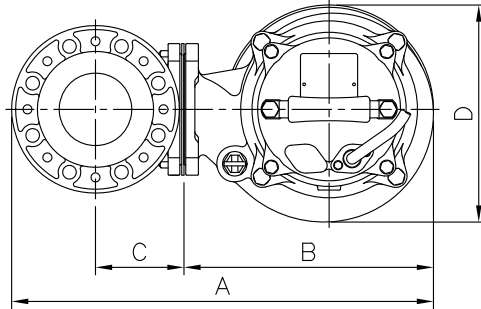
C.W.L.:Continuous Running Water Level WT1:Pump Weight(Without Cable)
L.W.L.:Lowest Running Water Level WT2:GRS Set Weight

DIMENSIONS

No: S3SA0237030-00

MODEL: 80SA23.7

3Ø



Dimensions—mm

Weight:Kg

Model	d	A	B	C	D	E	F	G	H	I	WT1 50Hz/60Hz	Elbow (Flange) Set	DN	DB	DC	DD	(n)QTY	WT2
80SA23.7	80	465	275	98	239	250	176	505	568	130	45/44	ESB3-150K	80	150	185	15	8	7

Dimensions—inch

Weight:Lbs

Model	d	A	B	C	D	E	F	G	H	I	WT1 50Hz/60Hz	Elbow (Flange) Set	DN	DB	DC	DD	(n)QTY	WT2
80SA23.7	3	18 ⁵ / ₁₆	10 ¹³ / ₁₆	3 ⁷ / ₈	9 ⁷ / ₁₆	9 ¹³ / ₁₆	6 ¹⁵ / ₁₆	19 ⁷ / ₈	22 ³ / ₈	5 ¹ / ₈	99/97	ESB3-150K	3	5 ¹⁵ / ₁₆	7 ⁵ / ₁₆	9 ⁹ / ₁₆	8	16

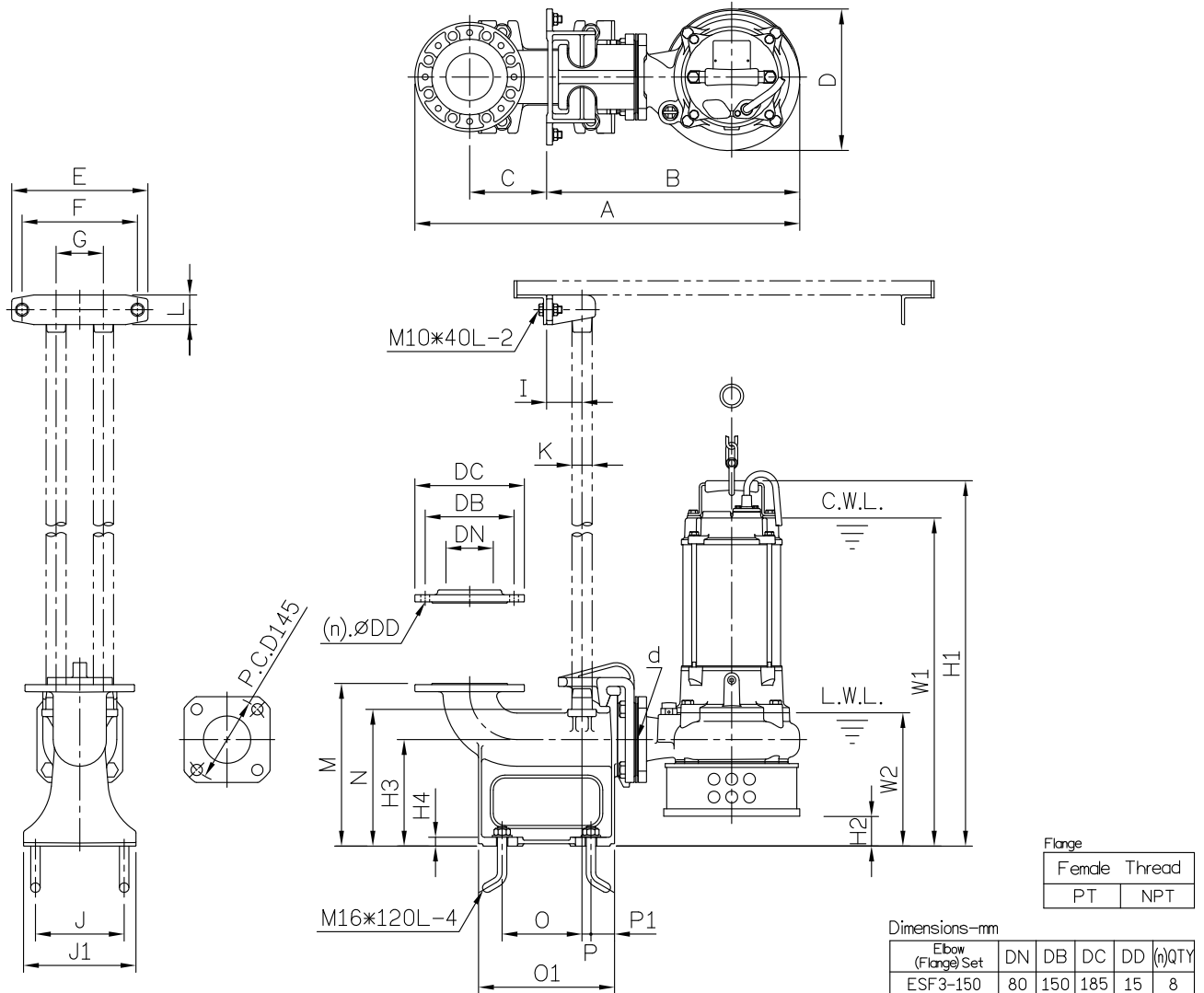
C.W.L.:Continuous Running Water Level WT1:Pump Weight(Without Cable)
L.W.L.:Lowest Running Water Level WT2:Elbow Set Weight

DIMENSIONS

No: S3SA023703T-00

MODEL: 80SA23.7

30



Flange	
Female	Thread
PT	NPT

Dimensions-mm

Ebrow (Flange) Set	DN	DB	DC	DD	(n)QTY
ESF3-150	80	150	185	15	8

Dimensions-inch

Ebrow (Flange) Set	DN	DB	DC	DD	(n)QTY
ESF3-150	3	5 ¹⁵ / ₁₆	7 ⁵ / ₁₆	9 ⁵ / ₁₆	8

Dimensions-mm

Model	d	A	B	C	D	E	F	G	I	J	J1	K	L	M	N	O	O1	P	P1	W1	W2	H1	H2	H3	H4	WT1 50Hz/60Hz	GRS Set	WT2
80SA23.7	80	681	458	130	290	230	195	80	60	150	190	1 ¹ / ₄ "	50	275	231	135	230	15	40	555	226	618	50	180	15	45/44	ST80D	22

Weight:Kg

Dimensions-inch

Model	d	A	B	C	D	E	F	G	I	J	J1	K	L	M	N	O	O1	P	P1	W1	W2	H1	H2	H3	H4	WT1 50Hz/60Hz	GRS Set	WT2
80SA23.7	3	26 ¹³ / ₁₆	18 ¹ / ₁₆	5 ¹ / ₈	11 ¹ / ₁₆	9 ¹ / ₁₆	7 ¹¹ / ₁₆	3 ¹ / ₈	2 ³ / ₈	5 ¹⁵ / ₁₆	7 ¹ / ₂	1 ¹ / ₄ "	2	10 ³ / ₁₆	9 ¹ / ₈	5 ⁵ / ₁₆	9 ¹ / ₁₆	3 ¹ / ₁₆	1 ¹ / ₁₆	21 ¹ / ₈	8 ⁷ / ₈	24 ⁵ / ₁₆	1 ⁵ / ₁₆	7 ¹ / ₁₆	9 ⁵ / ₁₆	99/97	ST80D	49

Weight:Lbs

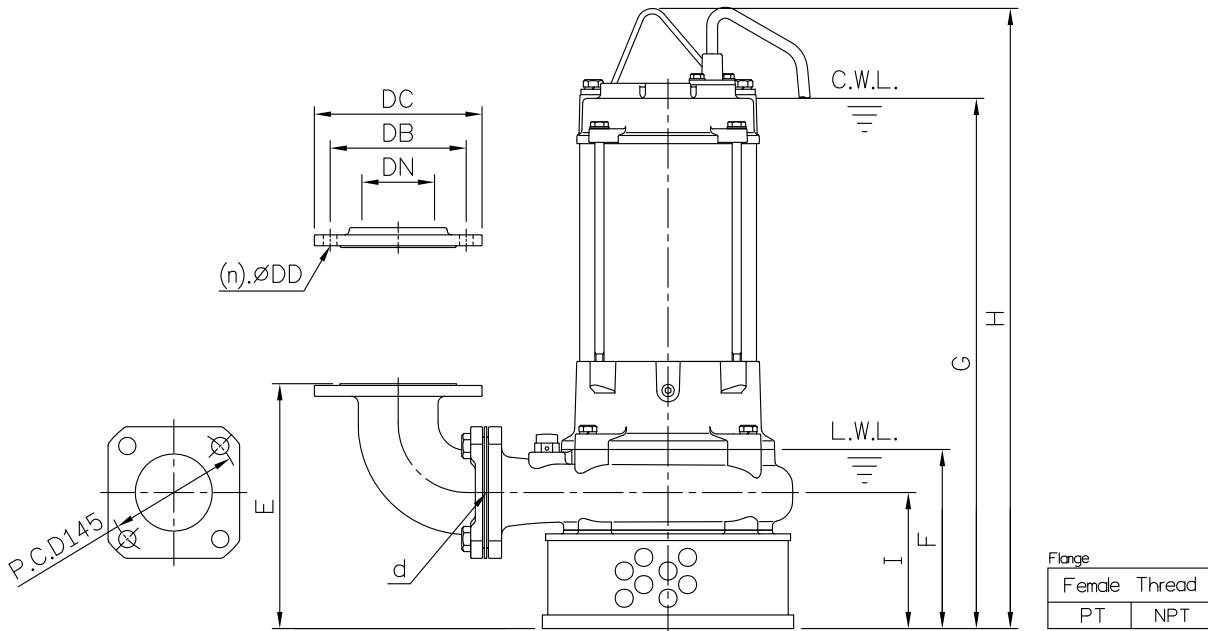
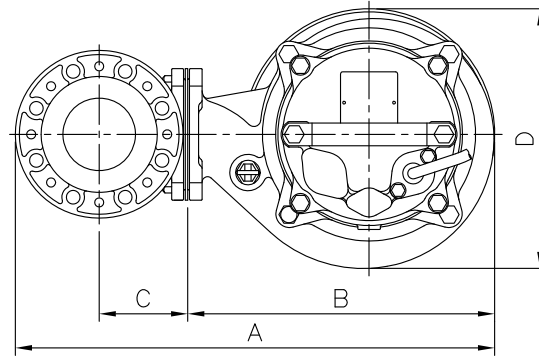
C.W.L.:Continuous Running Water Level WT1:Pump Weight(Without Cable)
L.W.L.:Lowest Running Water Level WT2:GRS Set Weight

DIMENSIONS

No: S3SA0275030-00

MODEL: 80(100)SA25.5 & 80(100)SA27.5

30



Dimensions—mm

Weight:kg

Model	d	A	B	C	D	E	F	G	H	I	WT1 50Hz/60Hz	Elbow (Flange) Set	DN	DB	DC	DD	(n)QTY	WT2
80(100)SA25.5	80	528	338	98	286	271	198	585	684	151	67/66	ESB3-150K	80	150	185	15	8	7
80(100)SA27.5	80	528	338	98	286	271	198	585	684	151	73/72	ESB3-150K	80	150	185	15	8	7
80(100)SA25.5	80	556	338	113	286	276	198	585	684	151	67/66	ESB4-175(145)K	100	175	210	15	8	10
80(100)SA27.5	80	556	338	113	286	276	198	585	684	151	73/72	ESB4-175(145)K	100	175	210	15	8	10

Dimensions—inch

Weight:lb

Model	d	A	B	C	D	E	F	G	H	I	WT1 50Hz/60Hz	Elbow (Flange) Set	DN	DB	DC	DD	(n)QTY	WT2
80(100)SA25.5	3	20 ³ / ₁₆	13 ⁵ / ₁₆	3 ⁷ / ₈	11 ¹ / ₄	10 ¹ / ₁₆	7 ³ / ₁₆	23 ³ / ₁₆	26 ¹ / ₁₆	5 ¹ / ₁₆	148/146	ESB3-150K	3	5 ⁵ / ₁₆	7 ⁵ / ₁₆	9 ¹ / ₁₆	8	16
80(100)SA27.5	3	20 ³ / ₁₆	13 ⁵ / ₁₆	3 ⁷ / ₈	11 ¹ / ₄	10 ¹ / ₁₆	7 ³ / ₁₆	23 ³ / ₁₆	26 ¹ / ₁₆	5 ¹ / ₁₆	161/159	ESB3-150K	3	5 ⁵ / ₁₆	7 ⁵ / ₁₆	9 ¹ / ₁₆	8	16
80(100)SA25.5	3	21 ⁷ / ₈	13 ⁵ / ₁₆	4 ¹ / ₁₆	11 ¹ / ₄	10 ⁷ / ₈	7 ³ / ₁₆	23 ³ / ₁₆	26 ¹ / ₁₆	5 ¹ / ₁₆	148/146	ESB4-175(145)K	4	6 ⁷ / ₈	8 ³ / ₄	9 ¹ / ₁₆	8	21
80(100)SA27.5	3	21 ⁷ / ₈	13 ⁵ / ₁₆	4 ¹ / ₁₆	11 ¹ / ₄	10 ⁷ / ₈	7 ³ / ₁₆	23 ³ / ₁₆	26 ¹ / ₁₆	5 ¹ / ₁₆	161/159	ESB4-175(145)K	4	6 ⁷ / ₈	8 ³ / ₄	9 ¹ / ₁₆	8	21

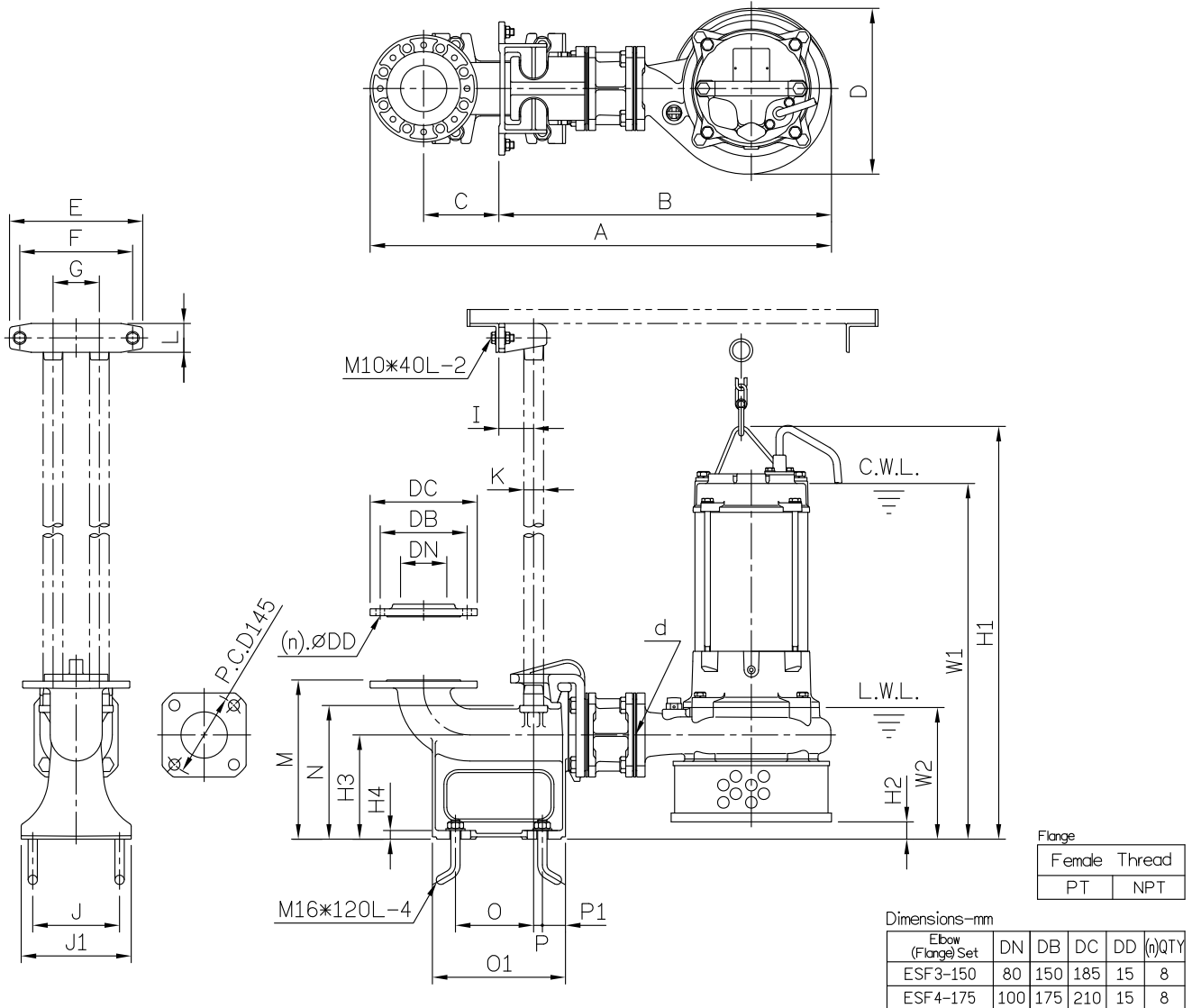
C.W.L.:Continuous Running Water Level WT1:Pump Weight(Without Cable)
L.W.L.:Lowest Running Water Level WT2:Elbow Set Weight

DIMENSIONS

No: S3SA027503T-00

MODEL: 80(100)SA25.5 & 80(100)SA27.5

30



Dimensions-mm

Model	d	A	B	C	D	E	F	G	I	J	J1	K	L	M	N	O	O1	P	P1	W1	W2	H1	H2	H3	H4	Weight:kg		
																										WT1 50Hz/60Hz	GRS Set	WT2
80(100)SA25.5	80	797	574	130	286	230	195	80	60	150	190	1 1/4	50	275	231	135	230	15	40	615	228	714	30	180	15	67/66	ST80DH	25
80(100)SA27.5	80	797	574	130	286	230	195	80	60	150	190	1 1/4	50	275	231	135	230	15	40	615	228	714	30	180	15	73/72	ST80DH	25
80(100)SA25.5	80	829	574	150	286	230	195	80	60	170	210	1 1/4	50	285	231	155	250	15	40	615	228	714	30	180	15	67/66	ST100(80)BH	28
80(100)SA27.5	80	829	574	150	286	230	195	80	60	170	210	1 1/4	50	285	231	155	250	15	40	615	228	714	30	180	15	73/72	ST100(80)BH	28

Dimensions-inch

Model	d	A	B	C	D	E	F	G	I	J	J1	K	L	M	N	O	O1	P	P1	W1	W2	H1	H2	H3	H4	Weight:lb		
																										WT1 50Hz/60Hz	GRS Set	WT2
80(100)SA25.5	3	31 3/8	22 5/8	5 1/8	11 1/4	9 1/8	7 1/8	3 1/8	2 3/8	5 1/8	7 1/2	1 1/4	2	10 13/16	9 1/8	5 1/8	9 1/8	9/16	1 1/8	24 13/16	9	28 1/2	1 3/8	7 1/8	9/16	148/146	ST80DH	55
80(100)SA27.5	3	31 3/8	22 5/8	5 1/8	11 1/4	9 1/8	7 1/8	3 1/8	2 3/8	5 1/8	7 1/2	1 1/4	2	10 13/16	9 1/8	5 1/8	9 1/8	9/16	1 1/8	24 3/16	9	28 1/2	1 3/8	7 1/8	9/16	161/159	ST80DH	55
80(100)SA25.5	3	32 5/8	22 5/8	5 15/16	11 1/4	9 1/8	7 1/8	3 1/8	2 3/8	6 1/8	8 1/4	1 1/4	2	11 1/4	9 1/8	6 1/8	9 13/16	9/16	1 1/8	24 3/16	9	28 1/2	1 3/8	7 1/8	9/16	148/146	ST100(80)BH	62
80(100)SA27.5	3	32 5/8	22 5/8	5 15/16	11 1/4	9 1/8	7 1/8	3 1/8	2 3/8	6 1/8	8 1/4	1 1/4	2	11 1/4	9 1/8	6 1/8	9 13/16	9/16	1 1/8	24 13/16	9	28 1/2	1 3/8	7 1/8	9/16	161/159	ST100(80)BH	62

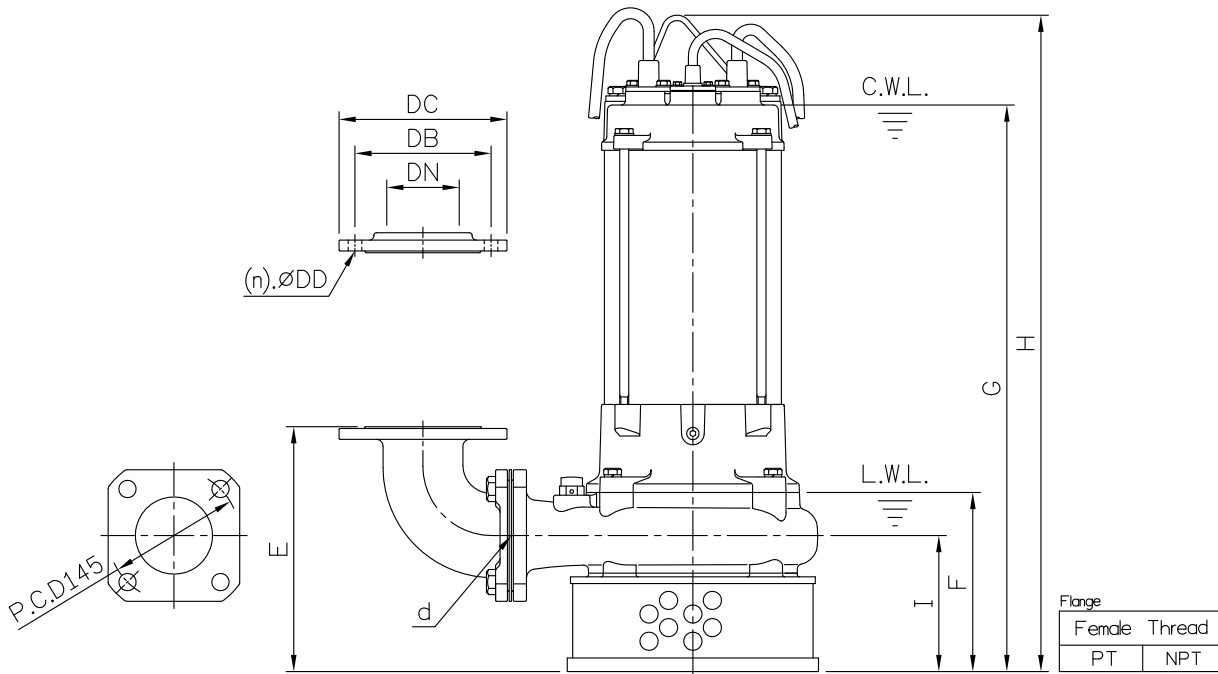
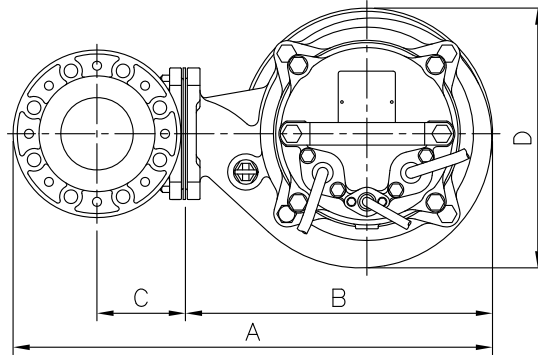
C.W.L.:Continuous Running Water Level WT1:Pump Weight(Without Cable)
L.W.L.:Lowest Running Water Level WT2:GRS Set Weight

DIMENSIONS

No: S3SA02A1030-00

MODEL: 80(100)SA211

3Ø



Dimensions—mm

Weight:Kg

Model	d	A	B	C	D	E	F	G	H	I	WT1 50Hz/60Hz	Elbow (Flange) Set	DN	DB	DC	DD	(n)QTY	WT2
80(100)SA211	80	528	338	98	286	271	198	625	724	151	82/81	ESB3-150K	80	150	185	15	8	7
80(100)SA211	80	556	338	113	286	276	198	625	724	151	82/81	ESB4-175(145)K	100	175	210	15	8	10

Dimensions—inch

Weight:Lbs

Model	d	A	B	C	D	E	F	G	H	I	WT1 50Hz/60Hz	Elbow (Flange) Set	DN	DB	DC	DD	(n)QTY	WT2
80(100)SA211	3	20 ¹¹ / ₁₆	13 ⁵ / ₁₆	3 ⁷ / ₈	11 ¹ / ₄	10 ¹¹ / ₁₆	7 ⁷ / ₁₆	24 ⁵ / ₈	28 ¹ / ₂	5 ¹⁵ / ₁₆	181/179	ESB3-150K	3	5 ⁵ / ₁₆	7 ⁵ / ₁₆	9 ¹ / ₁₆	8	16
80(100)SA211	3	21 ¹ / ₈	13 ⁵ / ₁₆	4 ¹ / ₁₆	11 ¹ / ₄	10 ⁷ / ₁₆	7 ⁷ / ₁₆	24 ⁵ / ₈	28 ¹ / ₂	5 ¹⁵ / ₁₆	181/179	ESB4-175(145)K	4	6 ⁷ / ₁₆	8 ³ / ₄	9 ¹ / ₁₆	8	21

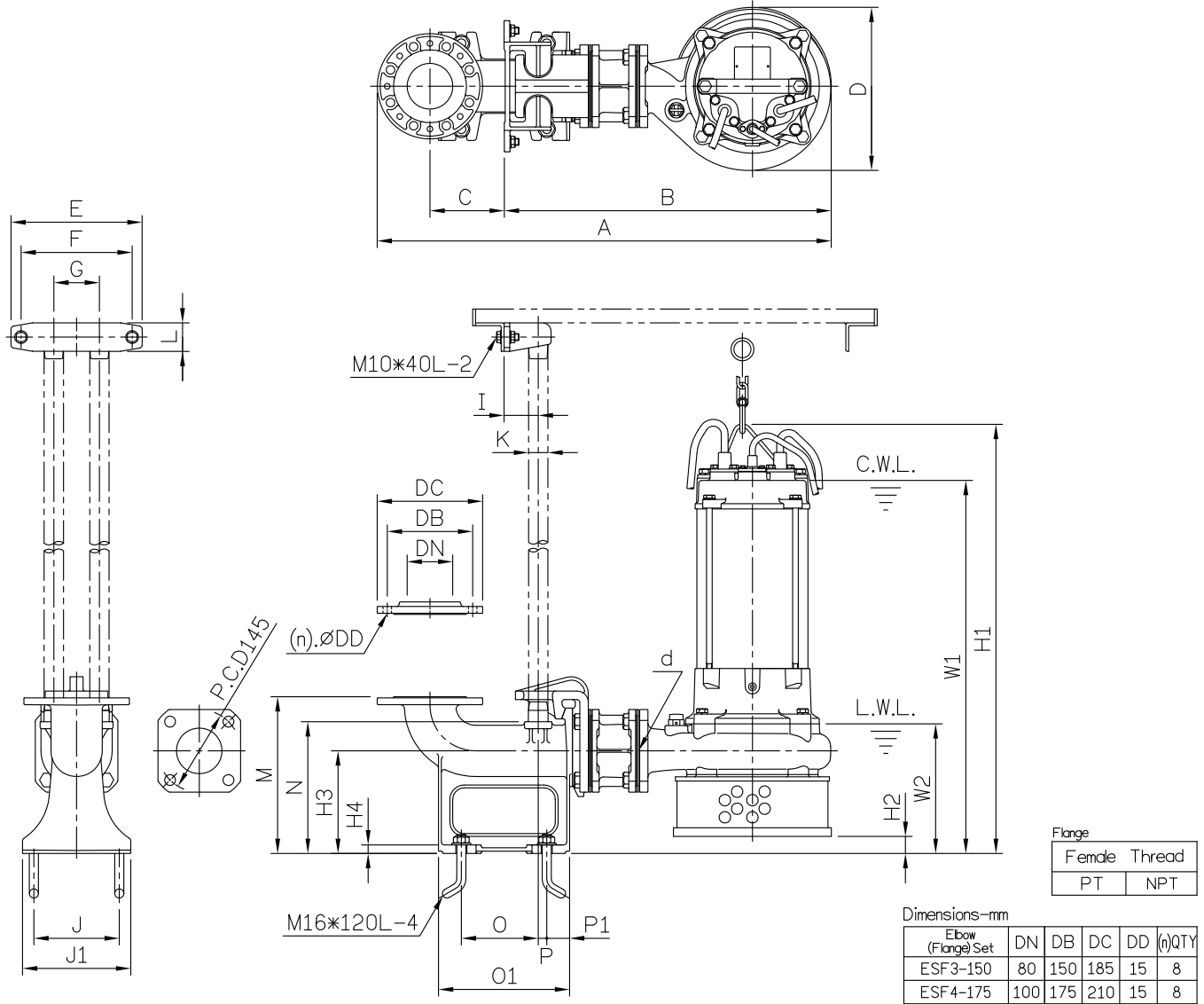
C.W.L.:Continuous Running Water Level WT1:Pump Weight(Without Cable)
L.W.L.:Lowest Running Water Level WT2:Elbow Set Weight

DIMENSIONS

No: S3SA02A103T-00

MODEL: 80(100)SA211

3Ø



Flange	
Female	Thread
PT	NPT

Dimensions-mm

Elbow (Flange) Set	DN	DB	DC	DD	(n)QTY
ESF3-150	80	150	185	15	8
ESF4-175	100	175	210	15	8

Dimensions-inch

Elbow (Flange) Set	DN	DB	DC	DD	(n)QTY
ESF3-150	3	5 ⁷ / ₁₆	7 ⁵ / ₁₆	⁹ / ₁₆	8
ESF4-175	4	6 ⁷ / ₁₆	8 ¹ / ₄	⁹ / ₁₆	8

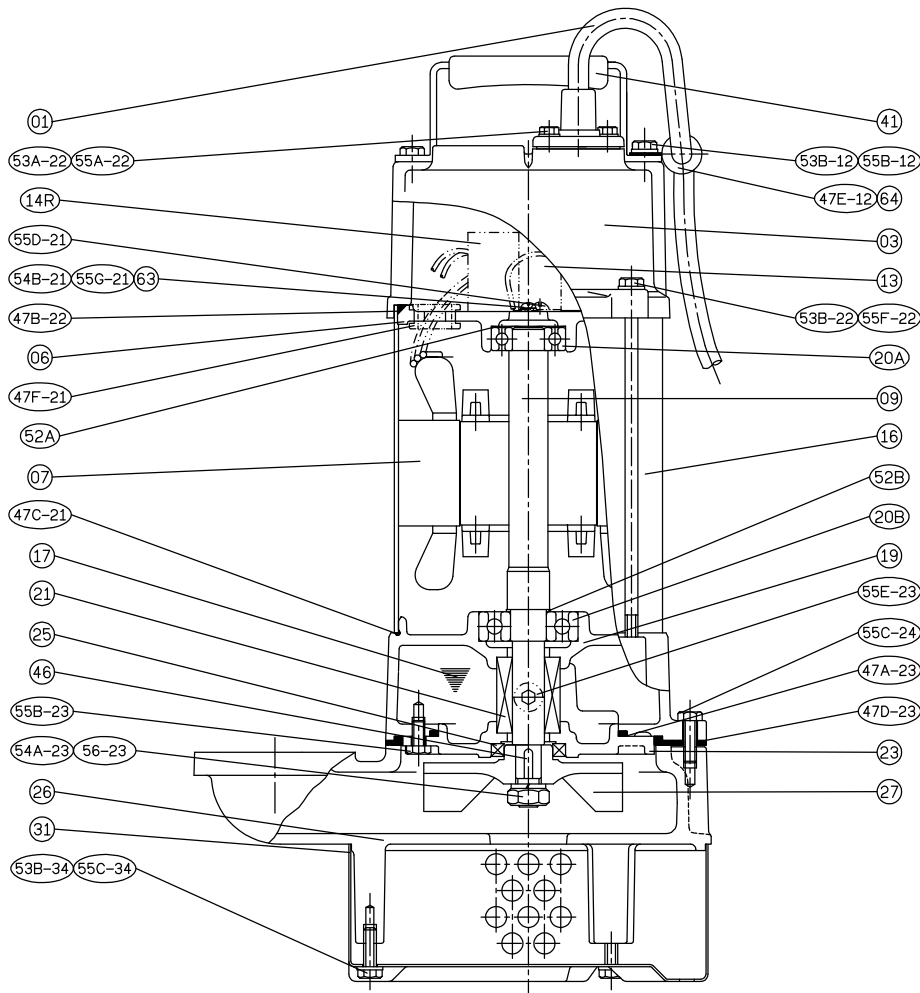
Dimensions-mm

Model	d	A	B	C	D	E	F	G	I	J	J1	K	L	M	N	O	O1	P	P1	W1	W2	H1	H2	H3	H4	Weight:kg		
																										WT1 50Hz/60Hz	GRS Set	WT2
80(100)SA211	80	797	574	130	286	230	195	80	60	150	190	1 ¹ / ₄ "	50	275	231	135	230	15	40	655	228	754	30	180	15	82/81	ST80DH	25
80(100)SA211	80	829	574	150	286	230	195	80	60	170	210	1 ¹ / ₄ "	50	285	231	155	250	15	40	655	228	754	30	180	15	82/81	ST100(80)BH	28

Dimensions-inch

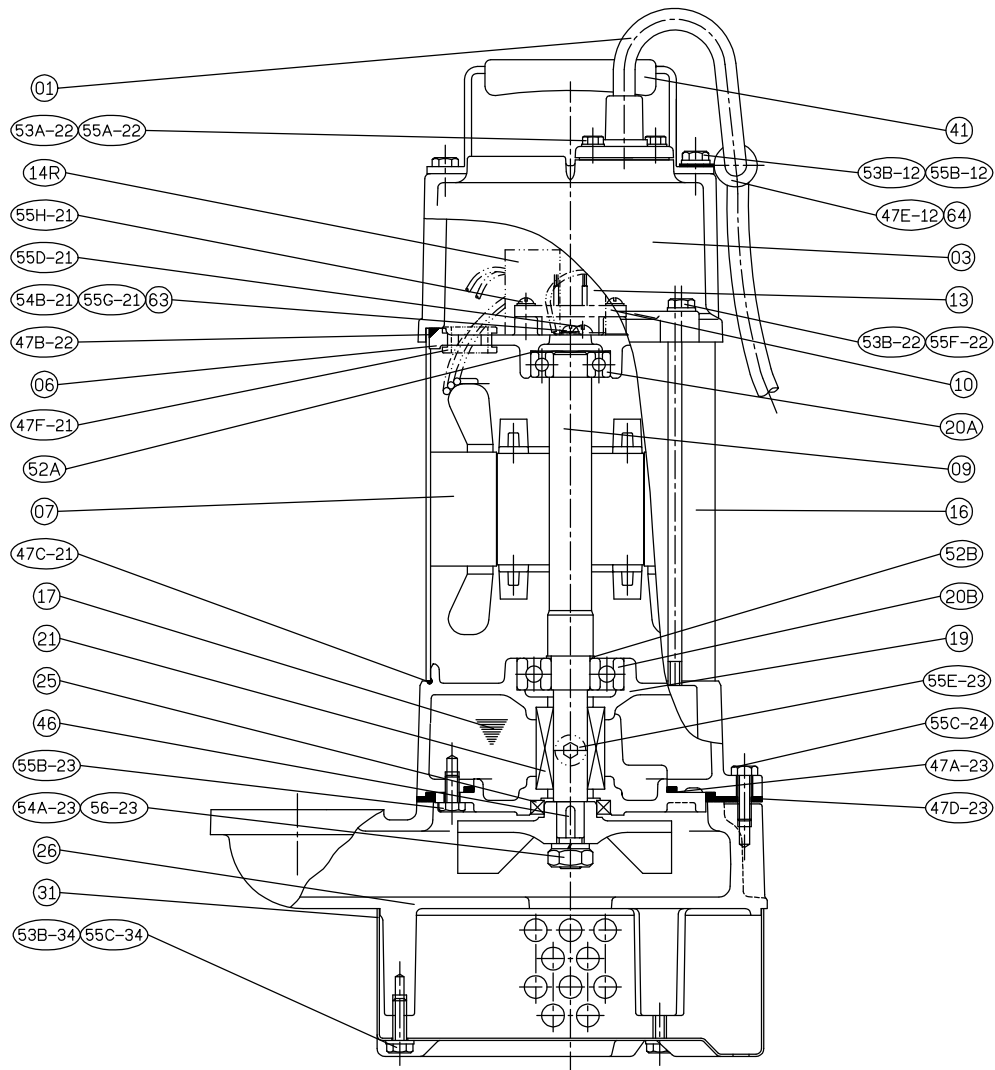
Model	d	A	B	C	D	E	F	G	I	J	J1	K	L	M	N	O	O1	P	P1	W1	W2	H1	H2	H3	H4	Weight:lb		
																										WT1 50Hz/60Hz	GRS Set	WT2
80(100)SA211	3	31 ³ / ₈	22 ⁵ / ₁₆	5 ¹ / ₈	11 ¹ / ₄	9 ¹ / ₁₆	7 ¹ / ₁₆	3 ¹ / ₈	2 ³ / ₈	5 ¹ / ₁₆	7 ¹ / ₂	1 ¹ / ₄ "	2	10 ¹³ / ₁₆	9 ¹ / ₈	5 ¹ / ₁₆	9 ¹ / ₁₆	⁹ / ₁₆	1 ¹ / ₁₆	25 ¹³ / ₁₆	9	29 ¹ / ₁₆	1 ³ / ₁₆	7 ¹ / ₁₆	⁹ / ₁₆	181/179	ST80DH	55
80(100)SA211	3	32 ⁵ / ₁₆	22 ⁵ / ₁₆	5 ¹⁵ / ₁₆	11 ¹ / ₄	9 ¹ / ₁₆	7 ¹ / ₁₆	3 ³ / ₈	2 ³ / ₈	6 ¹ / ₁₆	8 ¹ / ₄	1 ¹ / ₄ "	2	11 ¹ / ₄	9 ¹ / ₈	6 ¹ / ₁₆	9 ¹ / ₁₆	⁹ / ₁₆	1 ¹ / ₁₆	25 ¹³ / ₁₆	9	29 ¹ / ₁₆	1 ³ / ₁₆	7 ¹ / ₁₆	⁹ / ₁₆	181/179	ST100(80)BH	62

C.W.L.:Continuous Running Water Level WT1:Pump Weight(Without Cable)
L.W.L.:Lowest Running Water Level WT2:GRS Set Weight



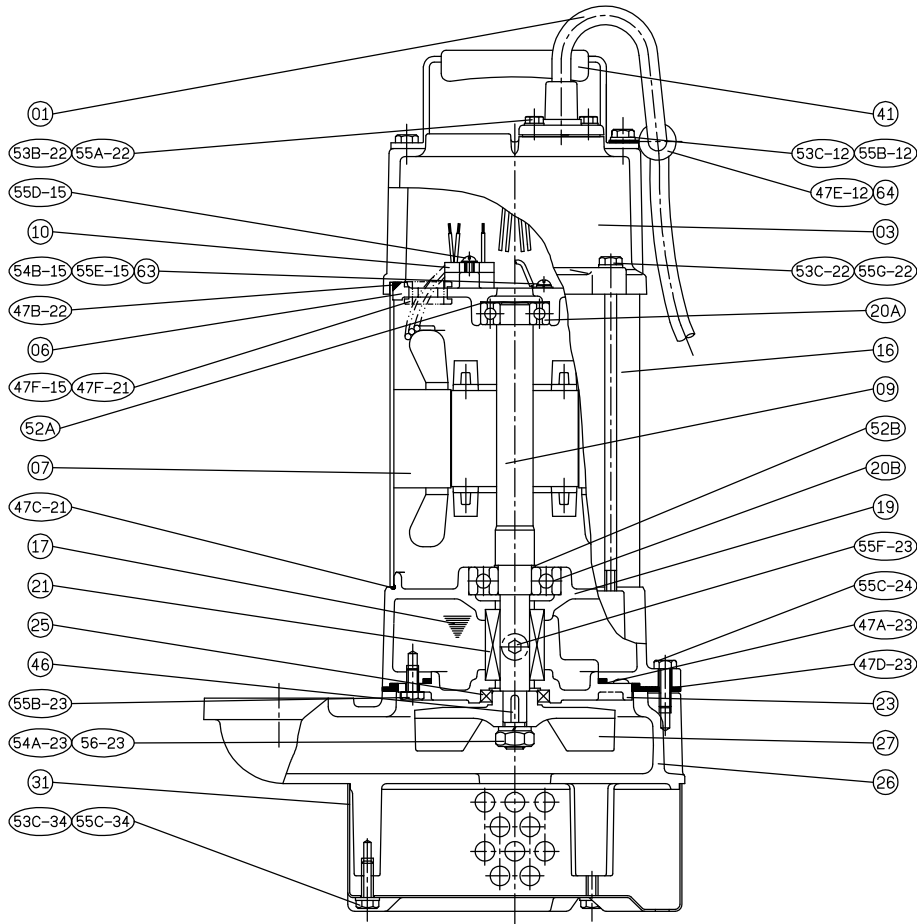
No.	Part name	Material	QTY	Remark
01	Cable		1	
03	Upper cover	SCS14	1	
06	Bracket	FC200	1	
07	Stator		1	
09	Shaft end	SUS316	1	
14R	Capacitor		1	
16	Motor frame	SUS316	1	
17	Lubricant			
19	Bearing bracket	SCS14	1	
20A	Bearing		1	
20B	Bearing		1	
21	M.seal	CA / CE & SiC / SiC	1	
23	M. seal bracket	SCS14	1	

No.	Part name	Material	QTY	Remark
25	Oil seal	NBR	1	
26	Casing	SCS14	1	
27	Impeller	SCS14	1	
31	Strainer	SUS304	1	
41	Handle	SUS304	1	
46	Impeller key	SUS304	1	
47	Packing			



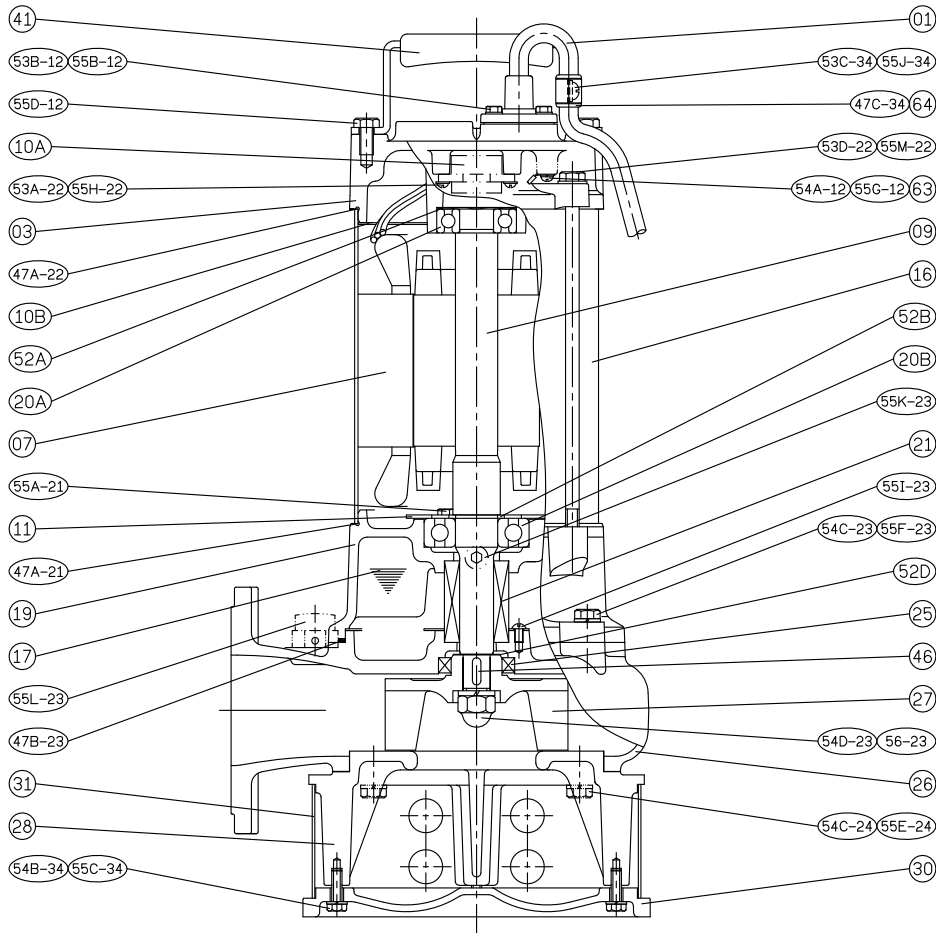
No.	Part name	Material	QTY	Remark
01	Cable		1	
03	Upper cover	SCS14	1	
06	Bracket	FC200	1	
07	Stator		1	
09	Shaft end	SUS316	1	
10	Auto-cut		1	
14R	Capacitor		1	
16	Motor frame	SUS316	1	
17	Lubricant			
19	Bearing bracket	SCS14	1	
20A	Bearing		1	
20B	Bearing		1	
21	M.seal	CA / CE & SIC / SIC	1	

No.	Part name	Material	QTY	Remark
23	M. seal bracket	SCS14	1	
25	Oil seal	NBR	1	
26	Casing	SCS14	1	
27	Impeller	SCS14	1	
31	Strainer	SUS304	1	
41	Handle	SUS304	1	
46	Impeller key	SUS304	1	
47	Packing			



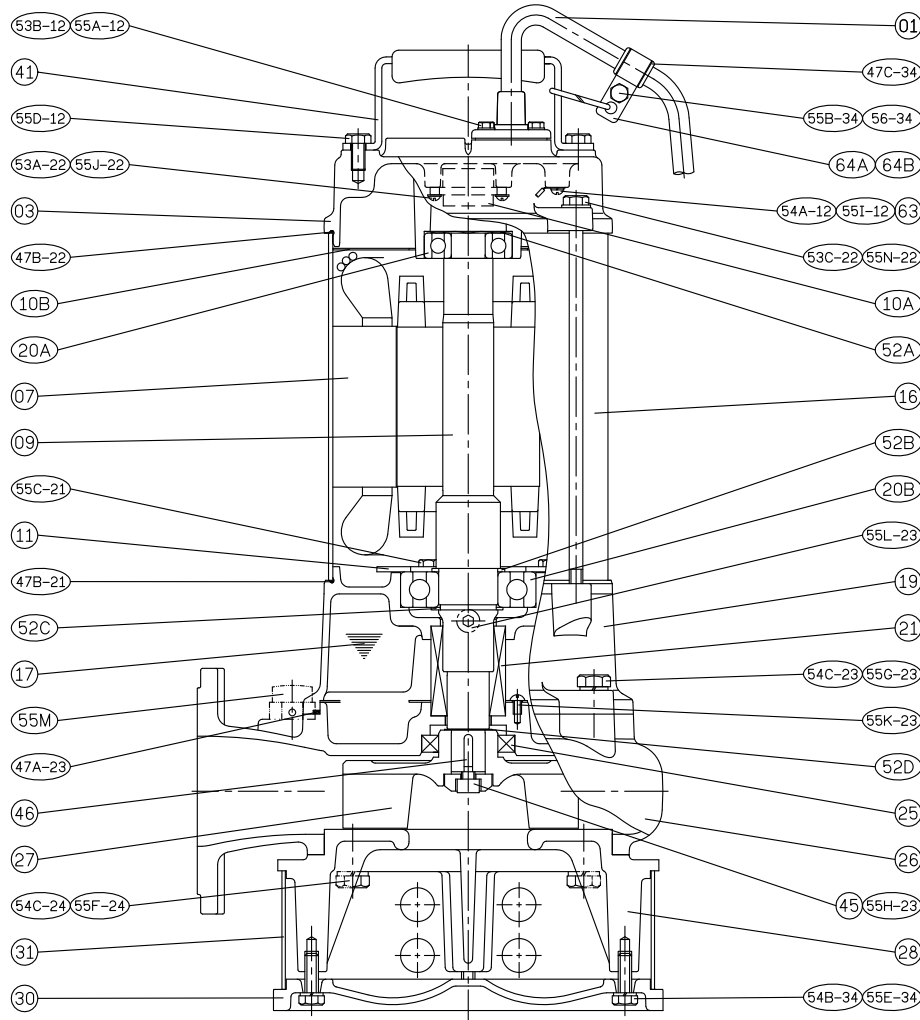
No.	Part name	Material	QTY	Remark
01	Cable		1	
03	Upper cover	SCS14	1	
06	Bracket	FC200	1	
07	Stator		1	
09	Shaft end	SUS316	1	
10	Auto-cut		1	
16	Motor frame	SUS316	1	
17	Lubricant			
19	Bearing bracket	SCS14	1	
20A	Bearing		1	
20B	Bearing		1	
21	M.seal	CA / CE & SIC / SIC	1	

No.	Part name	Material	QTY	Remark
25	Oil seal	NBR	1	
26	Casing	SCS14	1	
27	Impeller	SCS14	1	
31	Strainer	SUS304	1	
41	Handle	SUS304	1	
46	Impeller key	SUS304	1	
47	Packing			



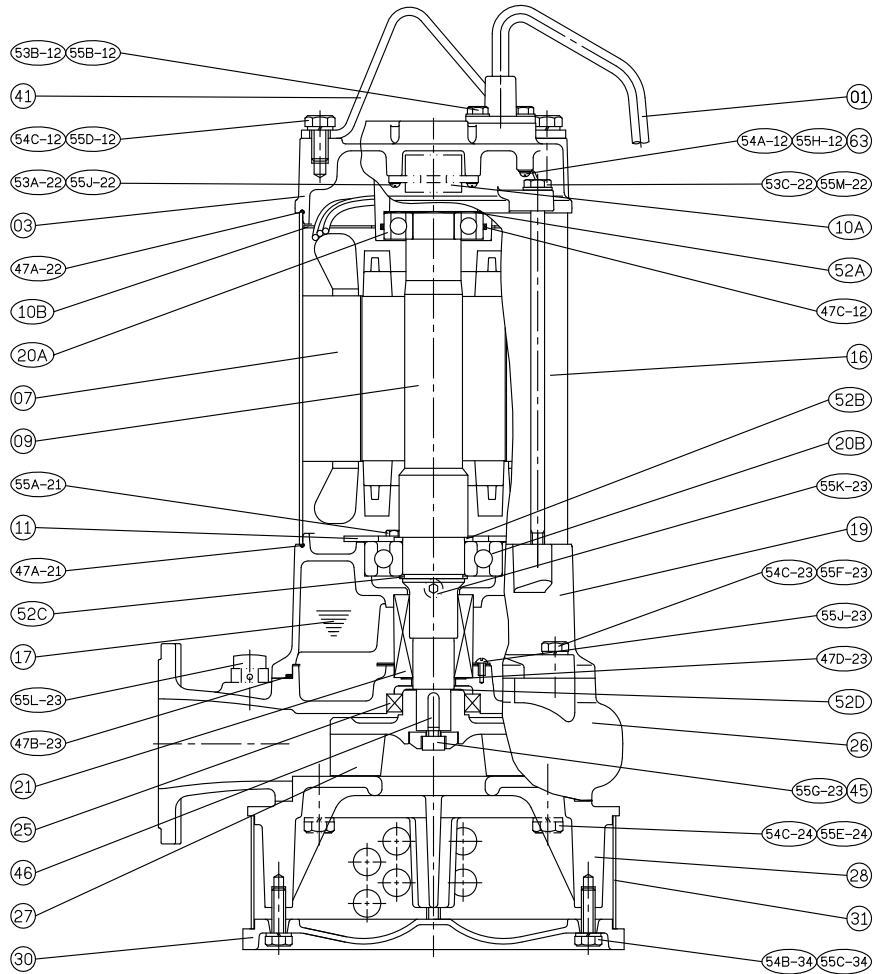
No.	Part name	Material	QTY	Remark
01	Cable		1	
03	Upper cover	SCS14	1	
07	Stator		1	
09	Shaft end	SUS316	1	
10A	Auto-cut		1	
10B	Auto-cut plate		1	
11	Bearing fixer	SPCC	1	
16	Motor frame	SUS316	1	
17	Lubricant			
19	Bearing bracket	SCS14	1	
20A	Bearing		1	
20B	Bearing		1	
21	M.seal	CA / CE & SIC / SIC	1	

No.	Part name	Material	QTY	Remark
25	Oil seal	NBR	1	
26	Casing	SCS14	1	
27	Impeller	SCS14	1	
28	Casing cover	SCS14	1	
30	Footing	SCS14	1	
31	Strainer	SUS316	1	
41	Handle	SUS304	1	
46	Impeller key	SUS304	1	
47	Packing			



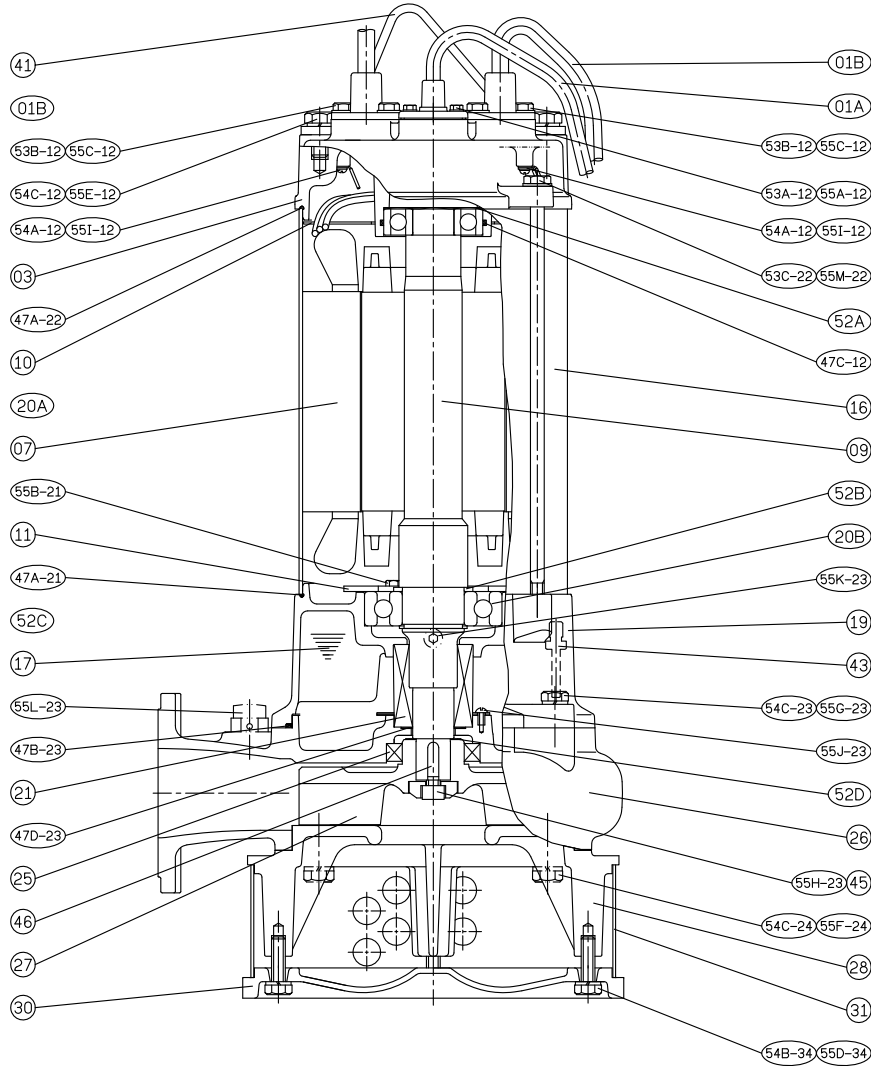
No.	Part name	Material	QTY	Remark
01	Cable		1	
03	Upper cover	SCS14	1	
07	Stator		1	
09	Shaft end	SUS316	1	
10A	Auto-cut		1	
10B	Auto-cut plate		1	
11	Bearing fixer	SPCC	1	
16	Motor frame	SUS316	1	
17	Lubricant			
19	Bearing bracket	SCS14	1	
20A	Bearing		1	
20B	Bearing		1	
21	M.seal	CA / CE & SIC / SIC	1	

No.	Part name	Material	QTY	Remark
25	Oil seal	NBR	1	
26	Casing	SCS14	1	
27	Impeller	SCS14	1	
28	Casing cover	SCS14	1	
30	Footing	SCS14	1	
31	Strainer	SUS316	1	
41	Handle	SUS304	1	
46	Impeller key	SUS304	1	
47	Packing			



No.	Part name	Material	QTY	Remark
01	Cable		1	
03	Upper cover	SCS14	1	
07	Stator		1	
09	Shaft end	SUS316	1	
10A	Auto-cut		1	
10B	Auto-cut plate		1	
11	Bearing fixer	SPCC	1	
16	Motor frame	SUS316	1	
17	Lubricant			
19	Bearing bracket	SCS14	1	
20A	Bearing		1	
20B	Bearing		1	
21	M.seal	CA / CE & SIC / SIC	1	

No.	Part name	Material	QTY	Remark
25	Oil seal	NBR	1	
26	Casing	SCS14	1	
27	Impeller	SCS14	1	
28	Casing cover	SCS14	1	
30	Footing	SCS14	1	
31	Strainer	SUS316	1	
41	Handle	SUS304	1	
46	Impeller key	SUS304	1	
47	Packing			



No.	Part name	Material	QTY	Remark
01	Cable		3	
03	Upper cover	SCS14	1	
07	Stator		1	
09	Shaft end	SUS630	1	
10	Auto-cut plate		1	
11	Bearing fixer	SPCC	1	
16	Motor frame	SUS316	1	
17	Lubricant			
19	Bearing bracket	SCS14	1	
20A	Bearing		1	
20B	Bearing		1	
21	M.seal	CA / CE & SIC / SIC	1	
25	Oil seal	NBR	1	

No.	Part name	Material	QTY	Remark
26	Casing	SCS14	1	
27	Impeller	SCS14	1	
28	Casing cover	SCS14	1	
30	Footing	SCS14	1	
31	Strainer	SUS316	1	
41	Handle	SUS304	1	
43	Moisture sensor		1	
46	Impeller key	SUS304	1	
47	Packing			

SF SERIES

SUBMERSIBLE STAINLESS STEEL PUMPS

POWER : 0.5~15HP (0.4~11kW)
MAX.HEAD : 185feet (56m)
MAX.FLOW : 595US.GPM (2.25m³/min)



PRODUCT NOMENCLATURE

Example :

80	SF	P	2	3.7
Discharge mm	Type	Impeller type	Pole	kW

FEATURES

- Best structure design, dry motor, double mechanical seals, equipped Auto-cut protector, pumps casting, out cover adopt stainless steel material, acid resisting Silicon carbide seals.
- This series is suitable for all, light acid, corrosive and/or sea water applications.

APPLICATIONS

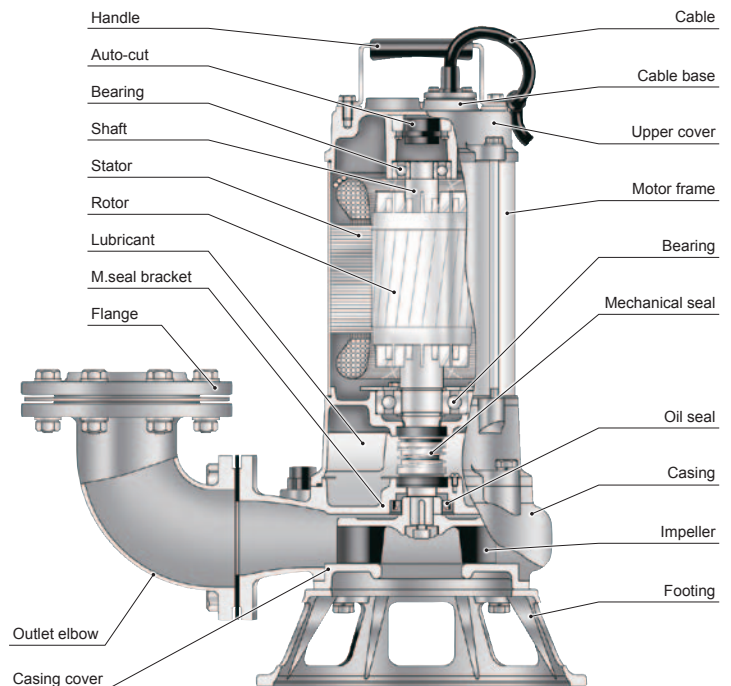
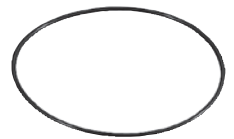
- Water drainage for industries.
- Sanitary sewer, single and multi families drainage.
- Water drainage for chemical, pharmaceutical and metal processing factory.

Investment Casting

- Precision casting with the use of an advanced stainless investment casting method produces the highest quality with a smooth surface finish.

Viton O-ring

- Viton O-rings are used throughout the pump to give better pump life in corrosive acid and aggressive media.



SF SERIES SUBMERSIBLE STAINLESS STEEL PUMPS

50SFU2.4A · 50SFU2.8A

SPECIFICATIONS

Item		Description
Limits of Use	Liquid Temp.	0~40°C(32~104°F)
	Applications	Corrosive·Food·Processing Liquids
Type	Frequency	60Hz
	Motor	2P(3600rpm)·Dry Motor
	Insulation	Class B
	Protection	IP68
	Protector	Auto-cut(50SFU2.4A 1Ø:Thermal)
	Bearing	Ball type
	M.seal	Double M.seals
	Impeller	Semi-open
Material	Upper Cover	SCS14
	Motor Frame	SUS316
	Shaft	SUS316
	M.seal	CA/CE & SiC/SiC
	Casing	SCS14
	Impeller	SCS14
	Cable	VCT or H07RN-F or SJOW/SOW
	Optional	—



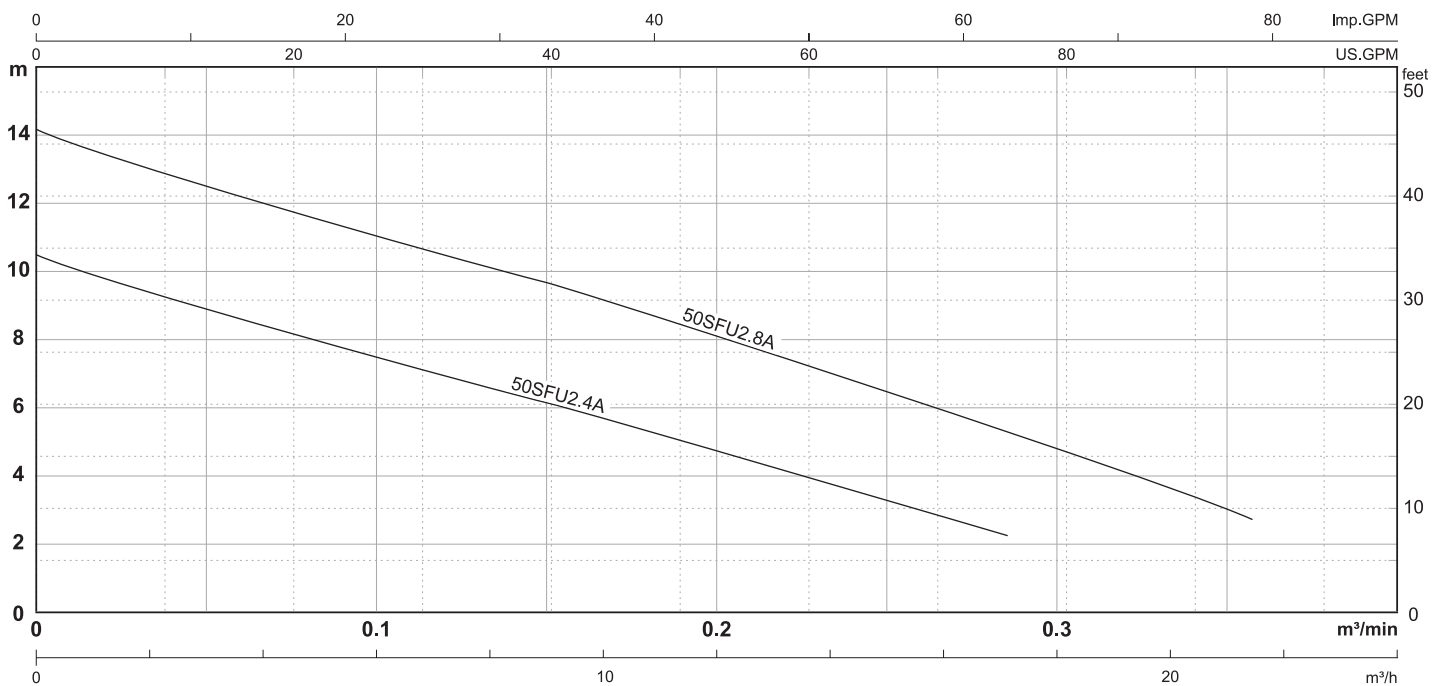
U Type Semi-open Impeller



50SFU2.4A
50SFU2.8A

Model	Power HP(kW)	Discharge inch(mm)	Standard		MAX		Solid Passage mm(inch)	Weight(W/O Cable)		Phase	1Ø	1Ø	3Ø	3Ø	3Ø	3Ø	3Ø
			m-m³/min	ft-GPM	m-m³/min	ft-GPM		1Ø-kg(lbs)	3Ø-kg(lbs)		Voltage	110V	220V	220V	230V	380V	460V
50SFU2.4A	0.5(0.4)	2"(50)	5.5-0.15	18-40	9.5-0.3	31-80	35(1 3/8")	15(33)	14(31)	Full load Ampere	6.6	3.3	2.3	2.2	1.3	1.1	1.0
50SFU2.8A	1(0.75)	2"(50)	8-0.2	26-52	14-0.4	46-105	35(1 3/8")	16(35)	15(33)		10.4	5.2	3.4	3.3	1.9	1.6	1.3

PERFORMANCE CURVES



Model	Power HP(kW)	Discharge inch(mm)	H:feet	Q:US.GPM															
				10'	15'	20'	25'	30'	35'	40'	45'	Q:m³/min	0.05	0.1	0.15	0.2	0.25	0.3	0.35
50SFU2.4A	0.5(0.4)	2"(50)	Q:US.GPM	68	54	40	25	11	—	—	—	Q:m³/h	3	6	9	12	15	18	21
50SFU2.8A	1(0.75)	2"(50)		92	81	69	57	44	30	16	3	H:m	8.9	7.5	6.1	4.7	3.3	—	—

SF SERIES SUBMERSIBLE STAINLESS STEEL PUMPS

80SFU21.5 · 80SFU22.2 · 80SFU23.7

SPECIFICATIONS

Item		Description
Limits of Use	Liquid Temp.	0~40°C(32~104°F)
	Applications	Corrosive·Food·Processing Liquids
Type	Frequency	60Hz
	Motor	2P(3600rpm)·Dry Motor
	Insulation	Class B(5HP:Class F)
	Protection	IP68
	Protector	Auto-cut
	Bearing	Ball type
	M.seal	Double M.seals
Material	Impeller	Semi-open
	Upper Cover	SCS14
	Motor Frame	SUS316
	Shaft	SUS316
	M.seal	CA/CE & SiC/SiC
	Casing	SCS14
	Impeller	SCS14
Optional		VCT or H07RN-F or SOW
		—



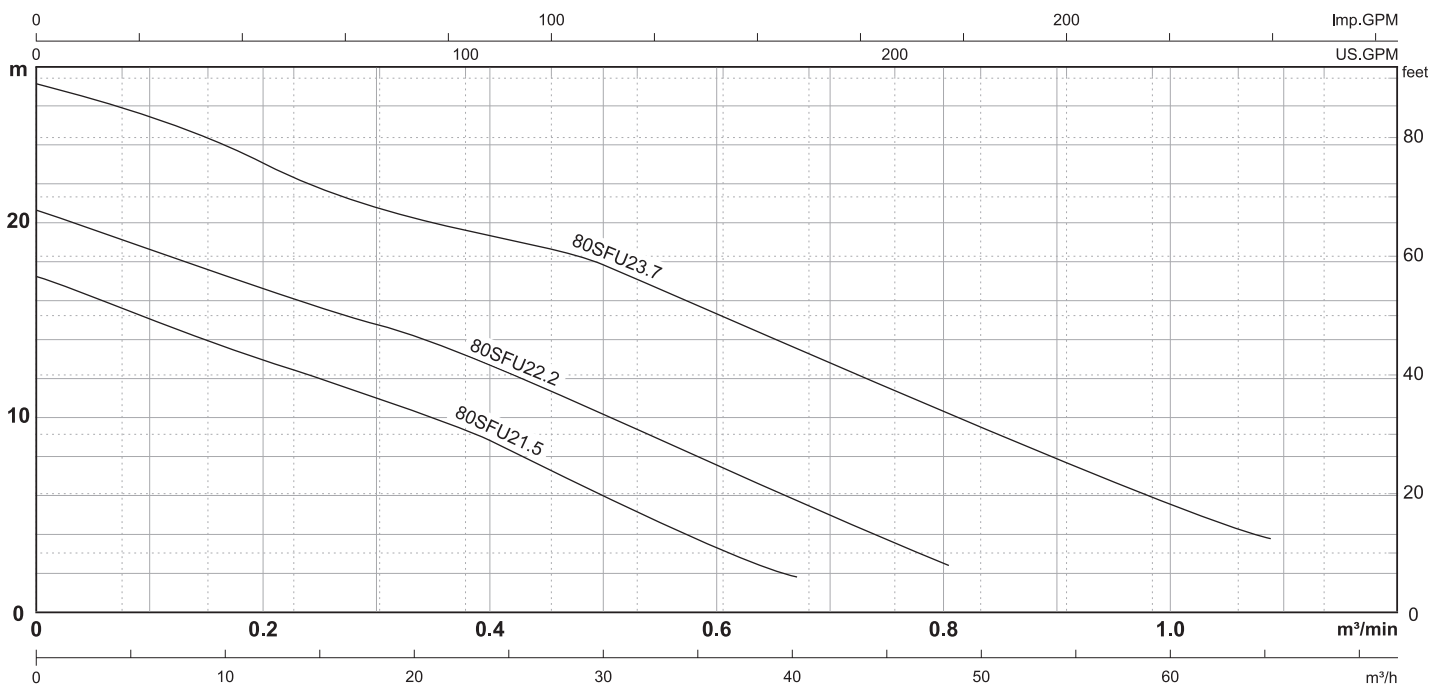
U Type Semi-open Impeller



80SFU21.5 · 80SFU22.2 · 80SFU23.7

Model	Power HP(kW)	Discharge inch(mm)	Standard		MAX		Solid Passage mm(inch)	Weight(W/O Cable)		Phase Voltage	1Ø	1Ø	3Ø	3Ø	3Ø	3Ø	3Ø
			m-m³/min	ft-GPM	m-m³/min	ft-GPM		1Ø-kg(lbs)	3Ø-kg(lbs)		110V	220V	220V	230V	380V	460V	575V
80SFU21.5	2(1.5)	3"(80)	8-0.4	26-105	17-0.7	56-185	50(2")	—	26(57)	Full load Ampere	—	—	6.0	6.0	3.4	3.0	2.4
80SFU22.2	3(2.2)	3"(80)	12.5-0.4	41-105	20-0.8	66-212	50(2")	—	28.5(63)		—	—	8.6	8.4	4.8	4.2	3.4
80SFU23.7	5(3.7)	3"(80)	17.5-0.5	57-132	26-1.1	85-290	50(2")	—	39.5(87)		—	—	13.8	13.6	7.8	6.5	5.4

PERFORMANCE CURVES



Model	Power HP(kW)	Discharge inch(mm)	H:feet	H:feet								Q:m³/min								
				10'	20'	30'	40'	50'	60'	70'	80'	0.1	0.2	0.3	0.4	0.5	0.6	0.8	1	
80SFU21.5	2(1.5)	3"(80)	Q:US.GPM	161	131	102	63	24	—	—	—	H:m	15.0	13.0	11.0	8.8	6.0	3.4	—	—
80SFU22.2	3(2.2)	3"(80)		206	173	143	111	72	31	—	—		18.6	16.6	14.8	12.7	10.2	7.6	2.5	—
80SFU23.7	5(3.7)	3"(80)		—	258	224	191	160	126	71	40		25.4	23.1	20.8	19.4	17.8	15.4	10.3	5.6

SF SERIES SUBMERSIBLE STAINLESS STEEL PUMPS

80SFU25.5 · 80SFU27.5 · 80SFU211

SPECIFICATIONS

Item		Description
Limits of Use	Liquid Temp.	0~40°C(32~104°F)
	Applications	Corrosive · Food · Processing Liquids
Type	Frequency	60Hz
	Motor	2P(3600rpm) · Dry Motor
	Insulation	Class F
	Protection	IP68
	Protector	Auto-cut(7.5~10HP) · MTS & MS(15HP)
	Bearing	Ball type
	M.seal	Double M.seals
Material	Impeller	Semi-open
	Upper Cover	SCS14
	Motor Frame	SUS316
	Shaft	SUS316(7.5~10HP) · SUS630(15HP)
	M.seal	CA/CE & SiC/SiC
	Casing	SCS14
	Impeller	SCS14
Optional		VCT or H07RN-F or SOW
Optional		—



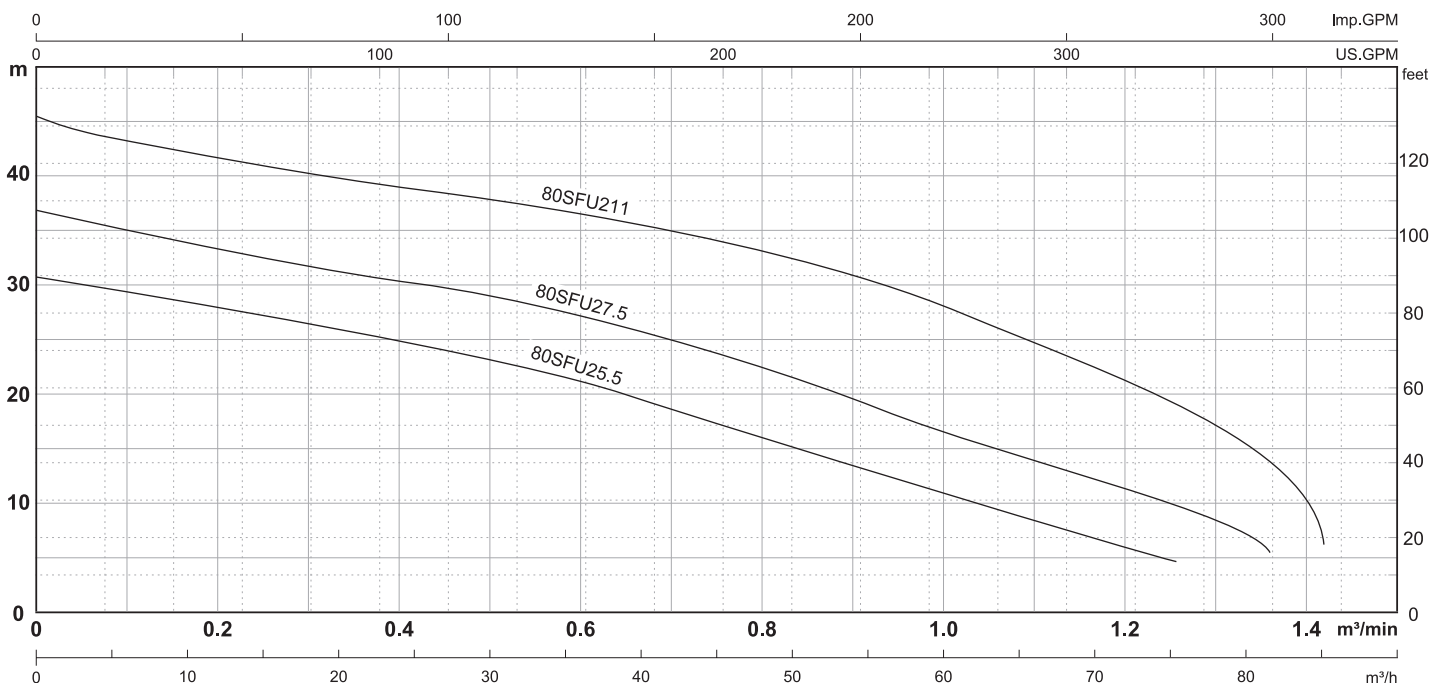
U Type Semi-open Impeller



80SFU25.5 · 80SFU27.5 · 80SFU211

Model	Power HP(kW)	Discharge inch(mm)	Standard		MAX		Solid Passage mm(inch)	Weight(W/O Cable)		Phase Voltage	1Ø	1Ø	3Ø	3Ø	3Ø	3Ø	3Ø
			m-m³/min	ft-GPM	m-m³/min	ft-GPM		1Ø-kg(lbs)	3Ø-kg(lbs)		110V	220V	220V	230V	380V	460V	575V
80SFU25.5	7.5(5.5)	3"(80)	21-0.6	69-158	30.5-1.25	100-330	50(2")	—	60(132)	Full load Ampere	—	—	19.8	19.0	11.5	9.5	7.9
80SFU27.5	10(7.5)	3"(80)	27-0.6	89-158	36.5-1.4	120-370	50(2")	—	66(146)		—	—	25.8	24.6	15.0	12.3	10.1
80SFU211	15(11)	3"(80)	36-0.6	118-158	45.5-1.5	149-395	50(2")	—	75(165)		—	—	37.0	35.5	21.8	17.7	14.9

PERFORMANCE CURVES



Model	Power HP(kW)	Discharge inch(mm)	H:feet	Q:m³/min												Q:m³/h			
				20'	30'	40'	50'	60'	80'	100'	120'	0.2	0.4	0.6	0.8		1	1.2	1.4
80SFU25.5	7.5(5.5)	3"(80)	Q:US.GPM	307	271	235	200	165	62	—	—	H:m	28.0	24.9	21.2	16.0	11.0	6.0	—
80SFU27.5	10(7.5)	3"(80)		354	328	293	259	229	155	38	—		33.4	30.4	27.2	22.4	16.6	11.4	—
80SFU211	15(11)	3"(80)		375	370	360	344	322	269	195	62		41.7	39.0	36.6	33.2	28.1	21.2	10.4

SF SERIES SUBMERSIBLE STAINLESS STEEL PUMPS

80SFP21.5 · 80SFP22.2 · 80SFP23.7

SPECIFICATIONS

Item		Description
Limits of Use	Liquid Temp.	0~40°C(32~104°F)
	Applications	Corrosive · Food · Processing Liquids
Type	Frequency	60Hz
	Motor	2P(3600rpm) · Dry Motor
	Insulation	Class B(5HP:Class F)
	Protection	IP68
	Protector	Auto-cut
	Bearing	Ball type
	M.seal	Double M.seals
	Impeller	Semi-open
Material	Upper Cover	SCS14
	Motor Frame	SUS316
	Shaft	SUS316
	M.seal	CA/CE & SiC/SiC
	Casing	SCS14
	Impeller	SCS14
Optional		VCT or H07RN-F or SOW
Optional		—



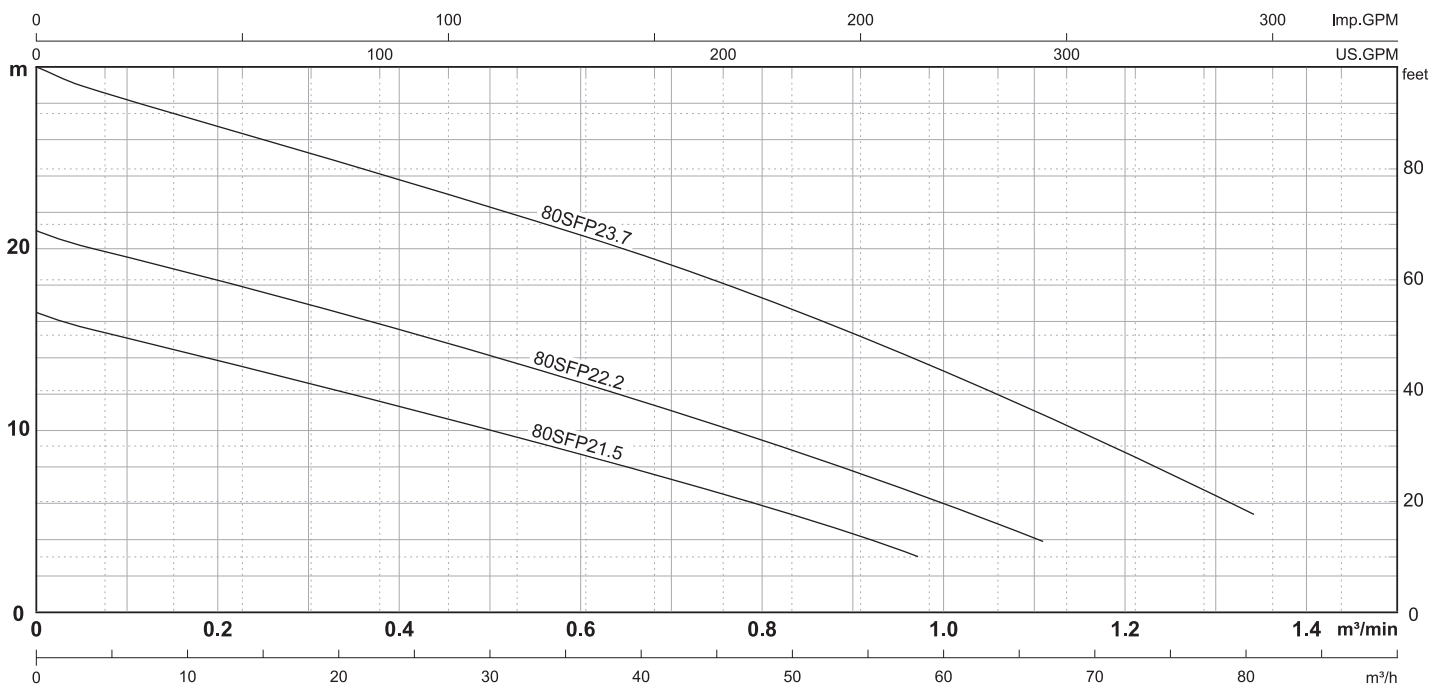
P Type Semi-open Impeller



80SFP21.5 · 80SFP22.2 · 80SFP23.7

Model	Power HP(kW)	Discharge inch(mm)	Standard		MAX		Solid Passage mm(inch)	Weight(W/O Cable)		Phase Voltage	1Ø	1Ø	3Ø	3Ø	3Ø	3Ø	3Ø
			m-m³/min	ft-GPM	m-m³/min	ft-GPM		1Ø-kg(lbs)	3Ø-kg(lbs)		110V	220V	220V	230V	380V	460V	575V
80SFP21.5	2(1.5)	3"(80)	8-0.6	26-158	16.5-1.0	54-265	35(1 3/8")	—	28(62)	Full load Ampere	—	—	6.0	6.0	3.4	3.0	2.4
80SFP22.2	3(2.2)	3"(80)	12.5-0.6	41-158	21-1.1	69-290	35(1 3/8")	—	31(68)		—	—	8.6	8.4	4.8	4.2	3.4
80SFP23.7	5(3.7)	3"(80)	20.5-0.6	67-158	30-1.35	98-355	32(1 1/4")	—	42.5(94)		—	—	13.8	13.6	7.8	6.5	5.4

PERFORMANCE CURVES



Model	Power HP(kW)	Discharge inch(mm)	H:feet	Q:m³/min									Q:m³/h								
				20'	30'	40'	50'	60'	70'	80'	90'	0.1	0.2	0.3	0.4	0.6	0.8	1	1.2		
80SFP21.5	2(1.5)	3"(80)	Q:US.GPM	208	150	88	23	—	—	—	—	H:m	15.1	13.9	12.6	11.4	8.7	5.9	—	—	
80SFP22.2	3(2.2)	3"(80)		263	217	166	112	53	—	—	—		19.6	18.3	17.0	15.6	12.6	9.5	6.0	—	
80SFP23.7	5(3.7)	3"(80)		347	313	277	239	197	149	95	40		28.2	26.7	25.3	23.8	20.8	17.3	13.3	8.8	

SF SERIES SUBMERSIBLE STAINLESS STEEL PUMPS

80(100)SFP25.5 · 80(100)SFP27.5 · 80(100)SFP211

SPECIFICATIONS

Item		Description
Limits of Use	Liquid Temp.	0~40°C(32~104°F)
	Applications	Corrosive·Food·Processing Liquids
Type	Frequency	60Hz
	Motor	2P(3600rpm)·Dry Motor
	Insulation	Class F
	Protection	IP68
	Protector	Auto-cut(7.5~10HP) · MTS & MS(15HP)
	Bearing	Ball type
	M.seal	Double M.seals
Material	Impeller	Semi-open
	Upper Cover	SCS14
	Motor Frame	SUS316
	Shaft	SUS316(7.5~15HP)·SUS630(15HP)
	M.seal	CA/CE & SiC/SiC
	Casing	SCS14
	Impeller	SCS14
Optional		VCT or H07RN-F or SOW
Optional		-



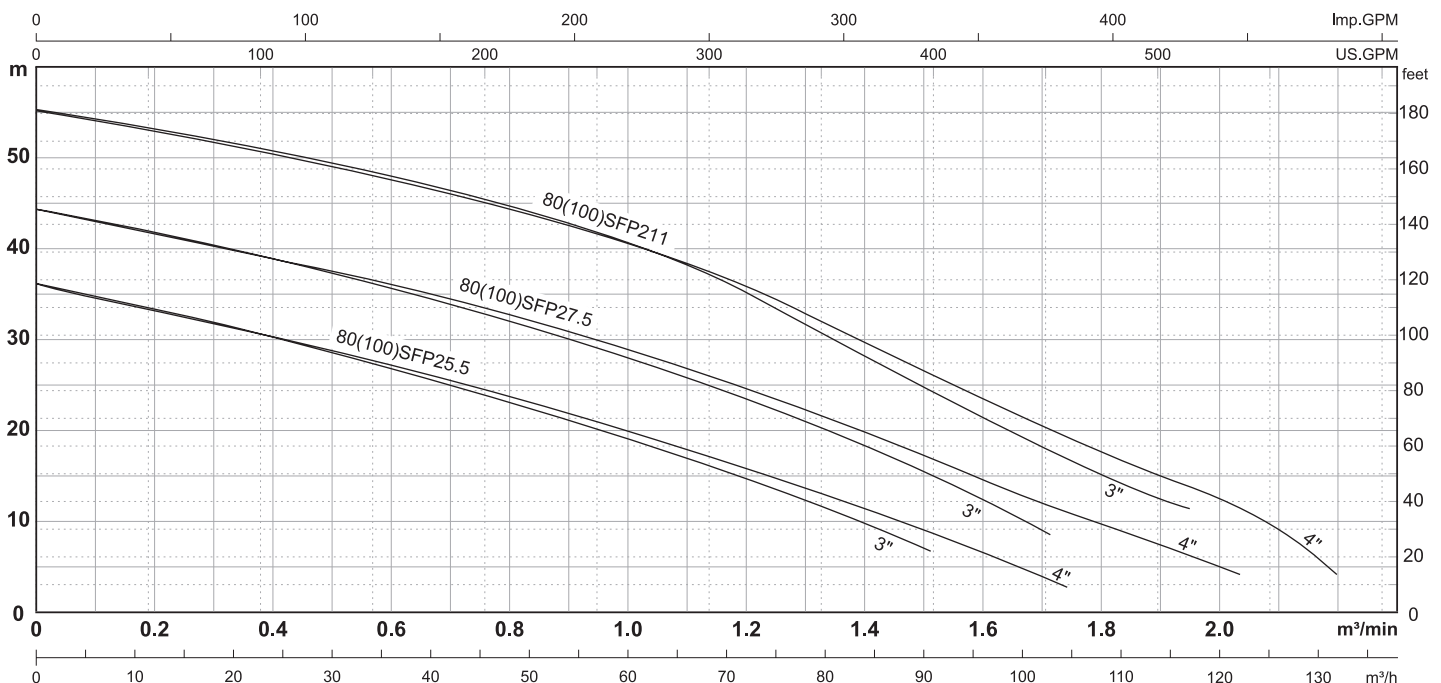
P Type Semi-open Impeller



80(100)SFP25.5 · 80(100)SFP27.5 · 80(100)SFP211

Model	Power HP(kW)	Discharge inch(mm)	Standard		MAX		Solid Passage mm(inch)	Weight(W/O Cable)		Phase Voltage	Full load Ampere						
			m-m³/min	ft-GPM	m-m³/min	ft-GPM		1Ø-kg(lbs)	3Ø-kg(lbs)		110V	220V	220V	230V	380V	460V	575V
80(100) SFP25.5	7.5(5.5)	3"(80)	26.5-0.6	87-158	36-1.55	118-410	30(1 1/8")	-	66(146)	Full load Ampere	-	-	19.8	19.0	11.5	9.5	7.9
		4"(100)	20-1.0	66-265	36-1.8	118-475	30(1 1/8")	-	66(146)		-	-	19.8	19.0	11.5	9.5	7.9
80(100) SFP27.5	10(7.5)	3"(80)	35-0.6	115-158	44-1.75	144-460	30(1 1/8")	-	72(159)		-	-	25.8	24.6	15.0	12.3	10.1
		4"(100)	28-1.0	92-265	44-2.05	145-540	30(1 1/8")	-	72(159)		-	-	25.8	24.6	15.0	12.3	10.1
80(100) SFP211	15(11)	3"(80)	47-0.6	154-158	56-2.0	184-530	30(1 1/8")	-	81(179)		-	-	37.0	35.5	21.8	17.7	14.9
		4"(100)	39.5-1.0	130-265	56-2.25	184-595	30(1 1/8")	-	81(179)		-	-	37.0	35.5	21.8	17.7	14.9

PERFORMANCE CURVES



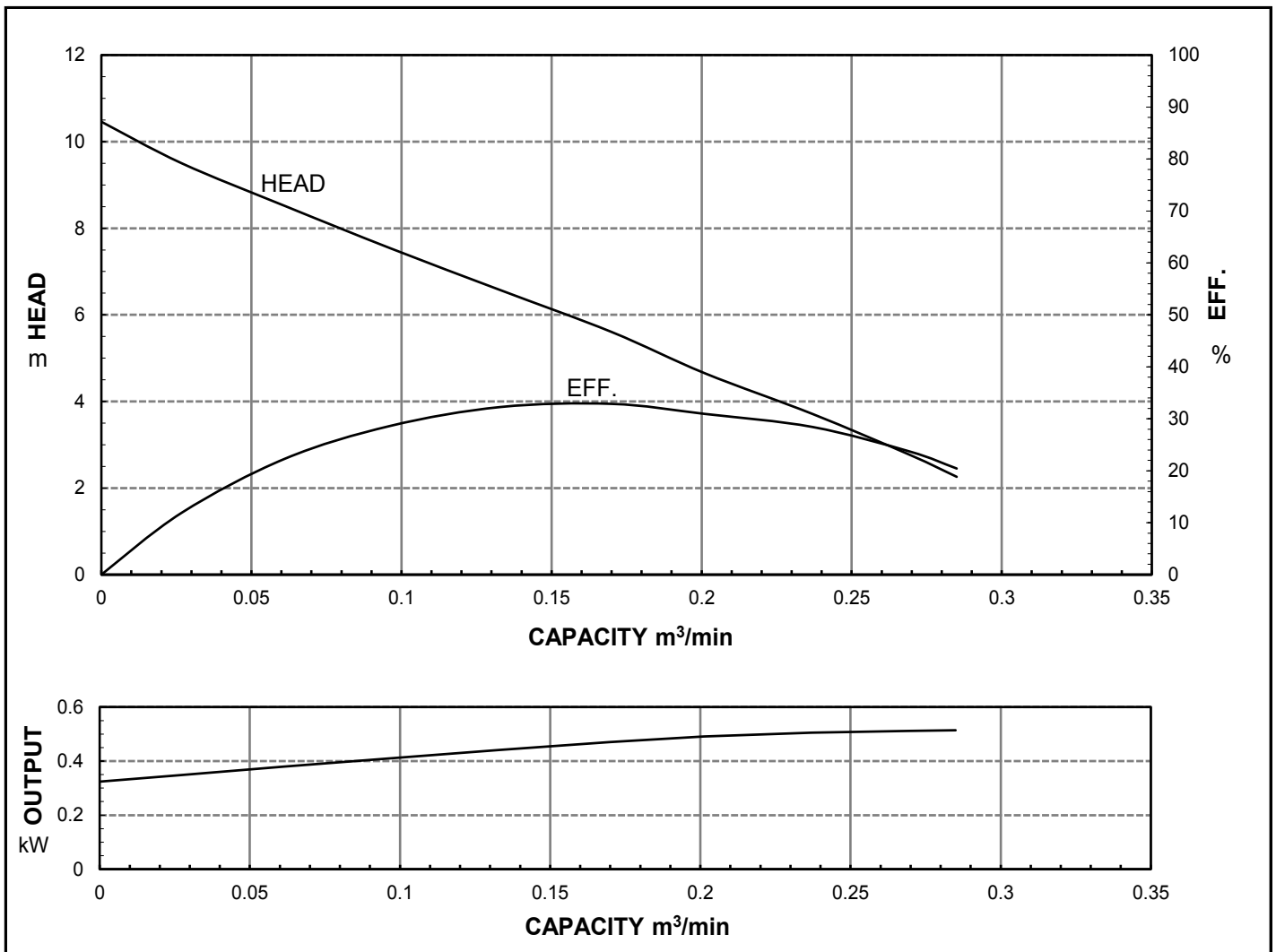
Model	Power HP(kW)	Discharge inch(mm)	H:feet	Q:US.GPM								H:m							
				20'	40'	60'	80'	100'	120'	140'	160'	0.2	0.4	0.6	0.8	1	1.2	1.6	2
80(100) SFP25.5	7.5(5.5)	3"(80)	-	344	273	192	100	-	-	-	33.4	30.2	26.8	23.0	19.0	14.7	-	-	
		4"(100)	427	360	284	200	100	-	-	-	33.2	30.2	27.2	23.7	19.9	15.8	6.6	-	
80(100) SFP27.5	10(7.5)	3"(80)	-	424	369	306	231	142	34	-	41.7	38.8	35.6	32.0	28.0	23.4	12.4	-	
		4"(100)	516	446	385	318	242	148	31	-	41.6	38.8	36.0	32.7	28.9	24.6	14.6	5.0	
80(100) SFP211	15(11)	3"(80)	-	504	447	398	351	305	238	142	53.1	50.6	47.9	44.6	40.5	35.2	21.4	-	
		4"(100)	571	530	468	414	362	309	234	135	52.8	50.3	47.5	44.3	40.5	35.8	23.5	12.5	



HCP PUMP

FILE NO. PC-M-E6-50SFU2.4A1

PUMP PERFORMANCE CURVES							
MODEL	50SFU2.4A						VER. NO. AH0104
	STANDARD SPECIFICATION						REFERENCE SPECIFICATION
FREQUENCY	60 Hz						
DISCHARGE	2 inch		/		50 mm		
OUTPUT	0.5 HP		/		0.4 kW		HP kW
HEAD	5.5 m						
CAPACITY	0.15 m ³ /min						
PHASE/VOLTAGE	1 Ø	110 V	115 V	208 V	220 V	230 V	Ø V
RATED CURRENT		6.6 A	6.4 A	3.4 A	3.3 A	3.2 A	A
POLE / R.P.M.	2 P		/		3380 rpm		
START METHOD	DIRECT						
INSULATION CLASS	B						
REMARK							



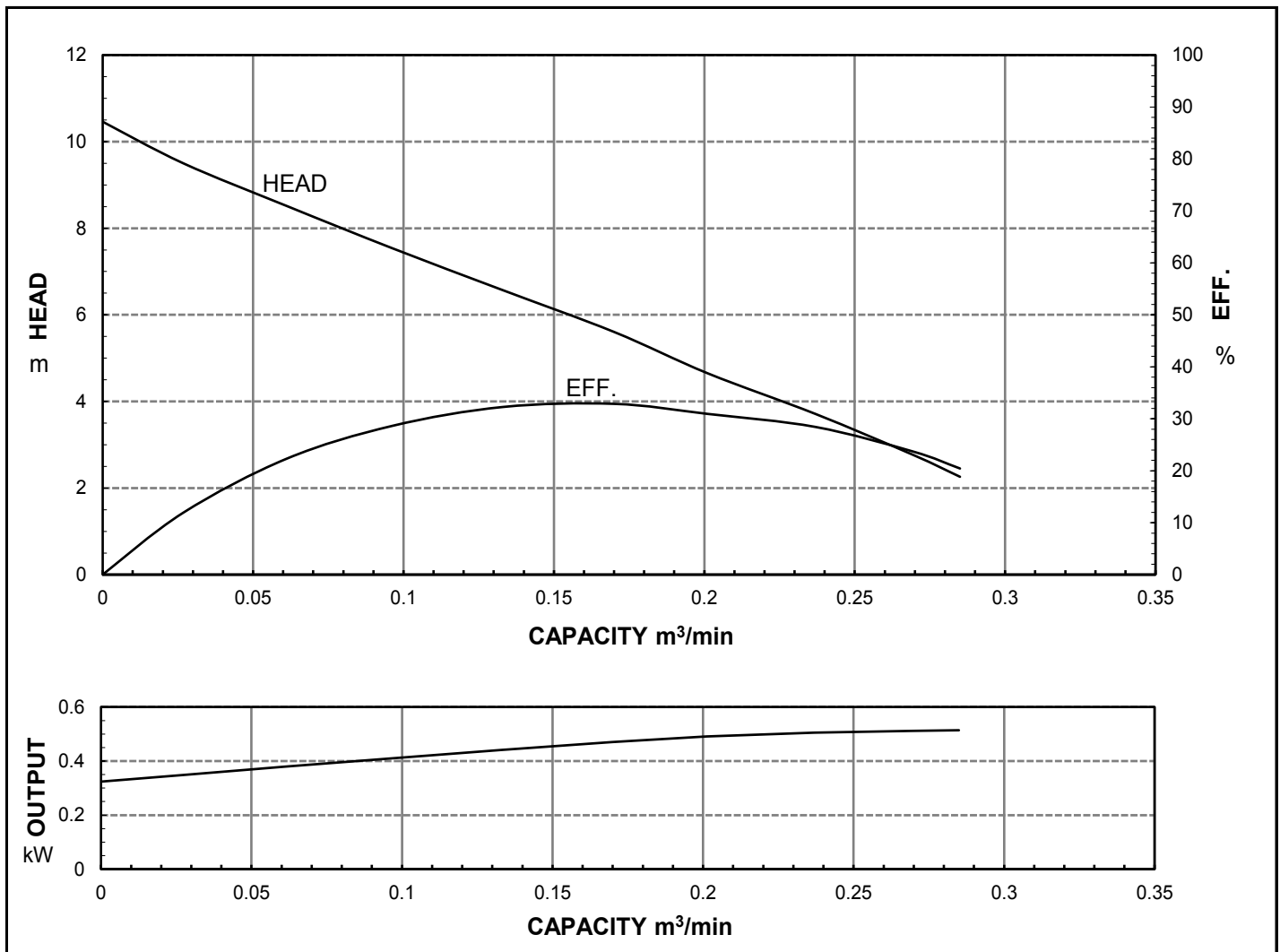
HCP PUMP MANUFACTURER CO.,LTD.



HCP PUMP

FILE NO. PC-M-E6-50SFU2.4A3

PUMP PERFORMANCE CURVES						
MODEL	50SFU2.4A					VER. NO. AH0104
	STANDARD SPECIFICATION					REFERENCE SPECIFICATION
FREQUENCY	60 Hz					
DISCHARGE	2 inch		/ 50 mm			
OUTPUT	0.5 HP		/ 0.4 kW		HP kW	
HEAD	5.5 m					
CAPACITY	0.15 m ³ /min					
PHASE/VOLTAGE	3 Ø	220 V	230 V	380 V	440 V	460 V
RATED CURRENT		2.3 A	2.2 A	1.3 A	1.2 A	1.1 A
POLE / R.P.M.	2 P		/ 3380 rpm			
START METHOD	DIRECT					
INSULATION CLASS	B					
REMARK						



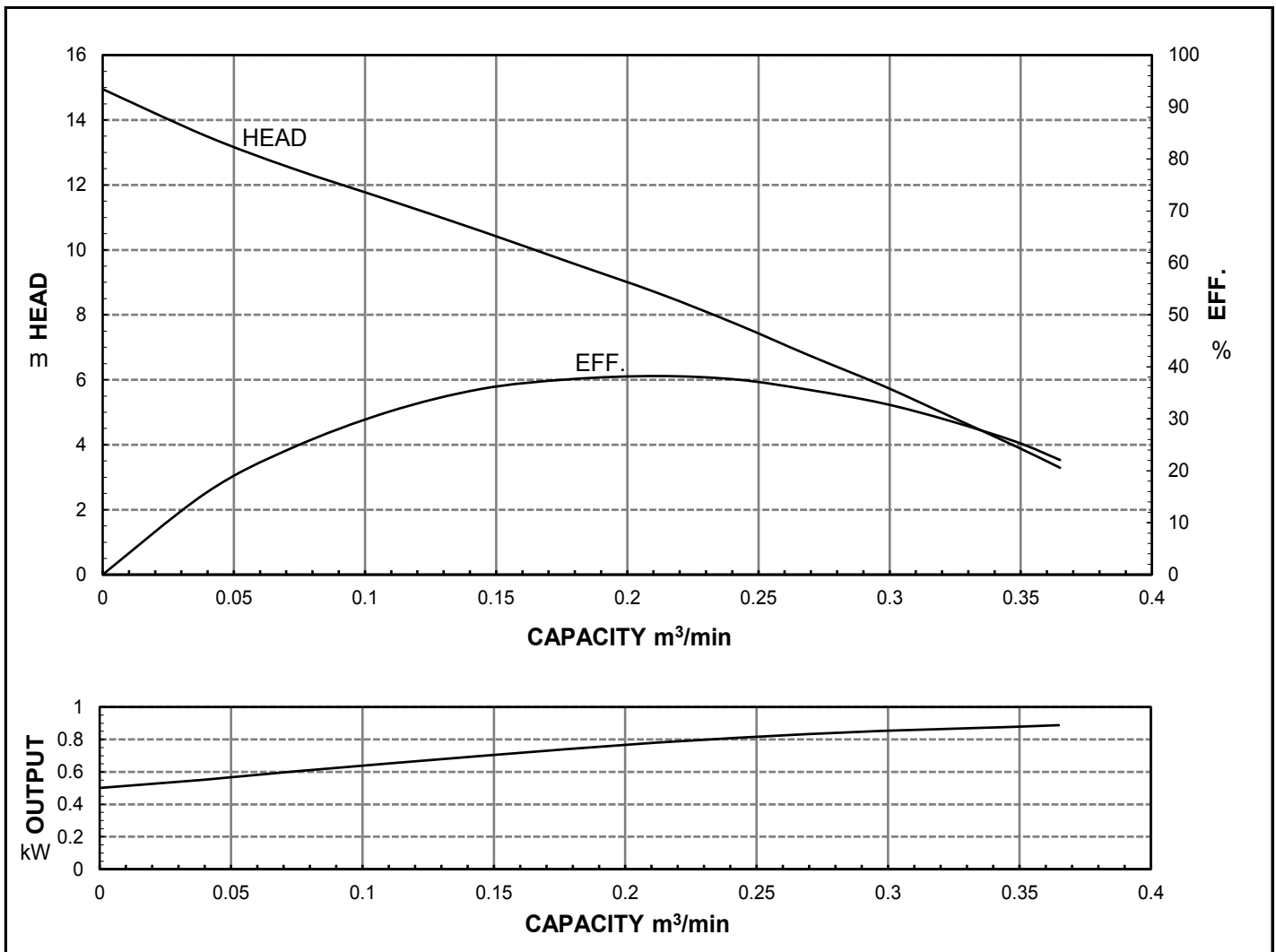
HCP PUMP MANUFACTURER CO.,LTD.



HCP PUMP

FILE NO. PC-M-E6-50SFU2.8A1

PUMP PERFORMANCE CURVES						
MODEL	50SFU2.8A					VER. NO. AH0105
	STANDARD SPECIFICATION					REFERENCE SPECIFICATION
FREQUENCY	60 Hz					
DISCHARGE	2	inch	/	50	mm	
OUTPUT	1	HP	/	0.75	kW	HP kW
HEAD	8 m					
CAPACITY	0.2 m ³ /min					
PHASE/VOLTAGE	1 ∅	110 V	115 V	208 V	220 V	230 V
RATED CURRENT		10.4 A	10.0 A	5.4 A	5.2 A	5.0 A
POLE / rpm	2	P	/	3420	rpm	
START METHOD	DIRECT					
INSULATION CLASS	B					
REMARK						



HCP PUMP MANUFACTURER CO.,LTD.

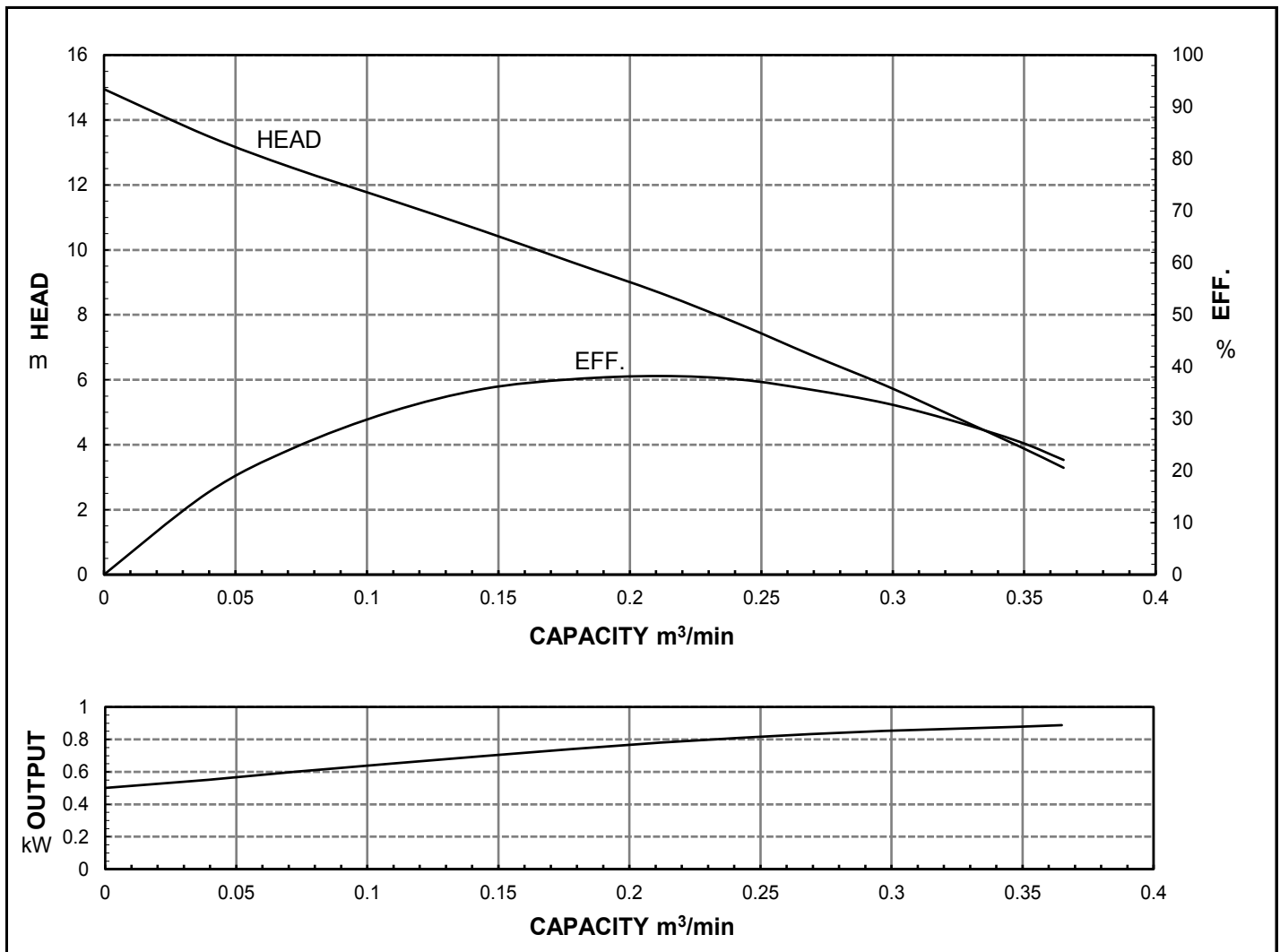


HCP PUMP

FILE NO. PC-M-E6-50SFU2.8A3

PUMP PERFORMANCE CURVES

MODEL	50SFU2.8A					VER. NO. AH0105	
	STANDARD SPECIFICATION					REFERENCE SPECIFICATION	
FREQUENCY	60 Hz						
DISCHARGE	2 inch		/ 50 mm				
OUTPUT	1 HP		/ 0.75 kW		HP	kW	
HEAD	8 m						
CAPACITY	0.2 m ³ /min						
PHASE/VOLTAGE	3 Ø	220 V	230 V	380 V	440 V	460 V	Ø V
RATED CURRENT		3.4 A	3.3 A	1.9 A	1.7 A	1.6 A	A
POLE / rpm	2 P		/ 3420 rpm				
START METHOD	DIRECT						
INSULATION CLASS	B						
REMARK							



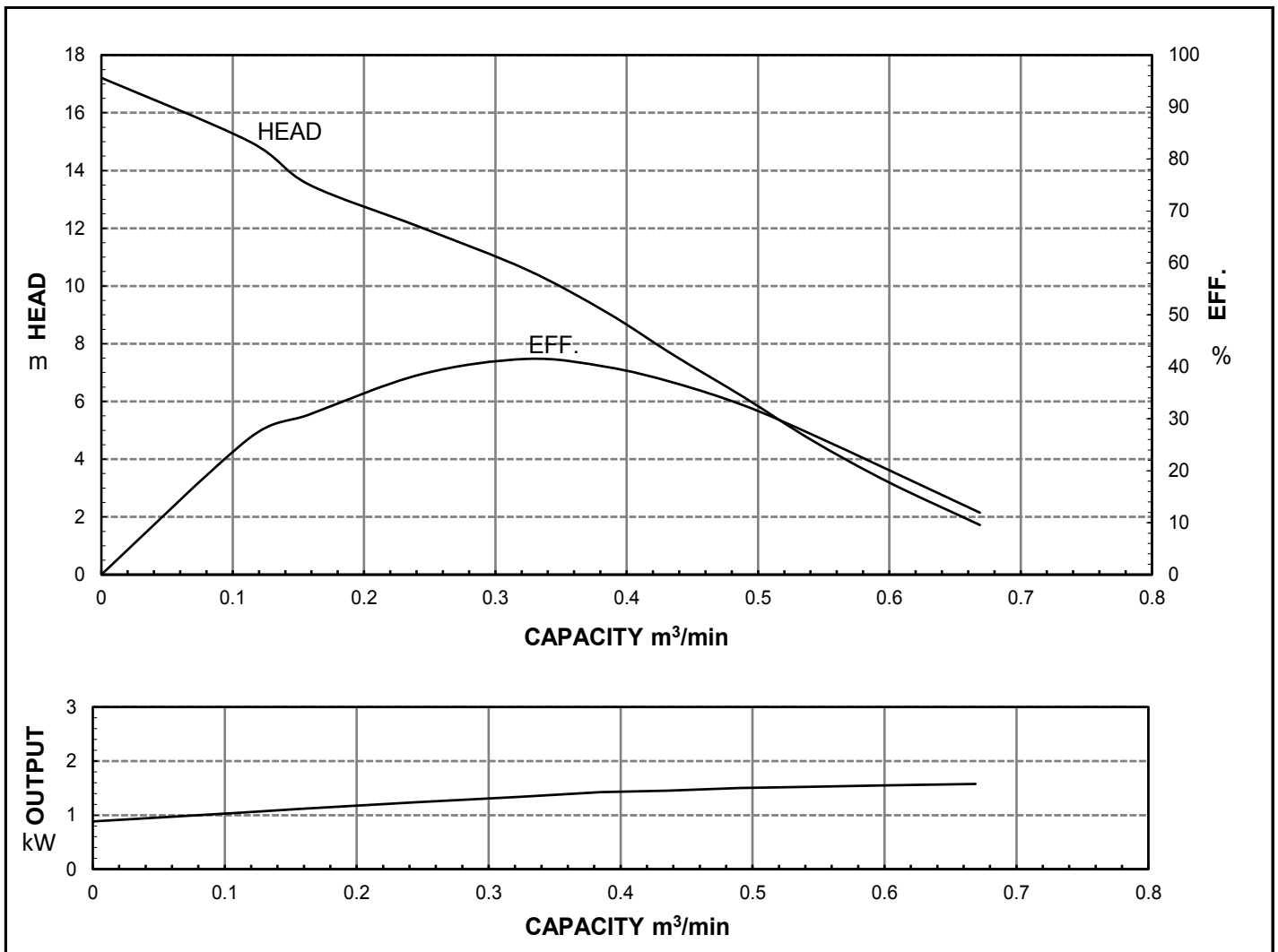
HCP PUMP MANUFACTURER CO.,LTD.



HCP PUMP

FILE NO. PC-M-E6-80SFU21.53

PUMP PERFORMANCE CURVES						
MODEL	80SFU21.5					VER. NO. AH0108
	STANDARD SPECIFICATION					REFERENCE SPECIFICATION
FREQUENCY	60 Hz					
DISCHARGE	3	inch /		80	mm	
OUTPUT	2	HP /		1.5	HP	kW
HEAD	8 m					
CAPACITY	0.4 m ³ /min					
PHASE/VOLTAGE	3 Ø	220 V	230 V	380 V	440 V	460 V
RATED CURRENT		6.0 A	6.0 A	3.4 A	3.0 A	3.0 A
POLE / rpm	2	P /		3440	rpm	
START METHOD	DIRECT					
INSULATION CLASS	B					
REMARK						



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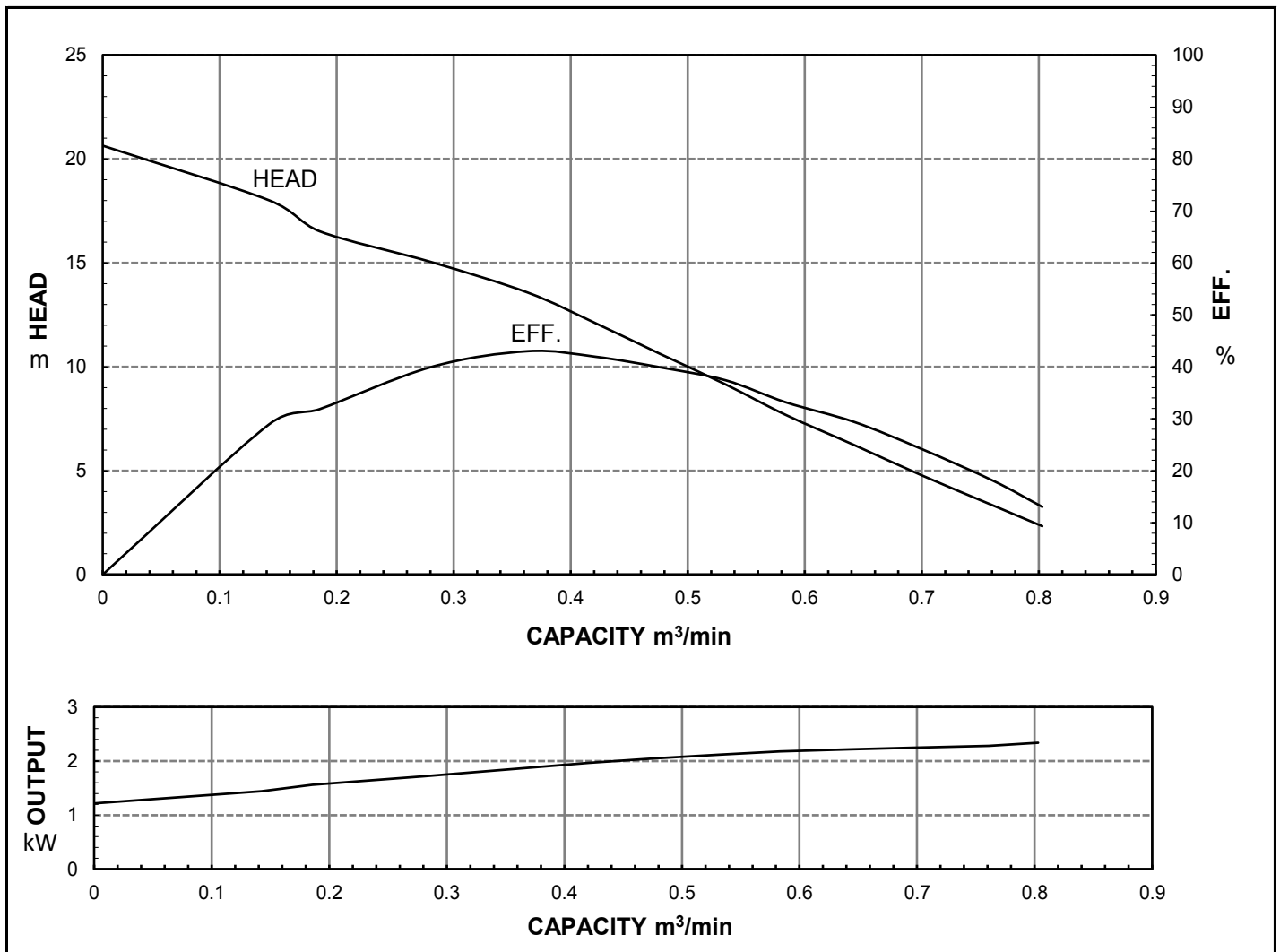


HCP PUMP

FILE NO. PC-M-E6-80SFU22.23

PUMP PERFORMANCE CURVES

MODEL	80SFU22.2						VER. NO. AH0108	
	STANDARD SPECIFICATION						REFERENCE SPECIFICATION	
FREQUENCY	60 Hz							
DISCHARGE	3 inch		/		80 mm			
OUTPUT	3 HP		/		2.2 kW		HP	kW
HEAD	12.5 m							
CAPACITY	0.4 m ³ /min							
PHASE/VOLTAGE	3 Ø	220 V	230 V	380 V	440 V	460 V	Ø	V
RATED CURRENT		8.6 A	8.4 A	4.8 A	4.3 A	4.2 A		A
POLE / rpm	2 P		/		3450 rpm			
START METHOD	DIRECT							
INSULATION CLASS	B							
REMARK								



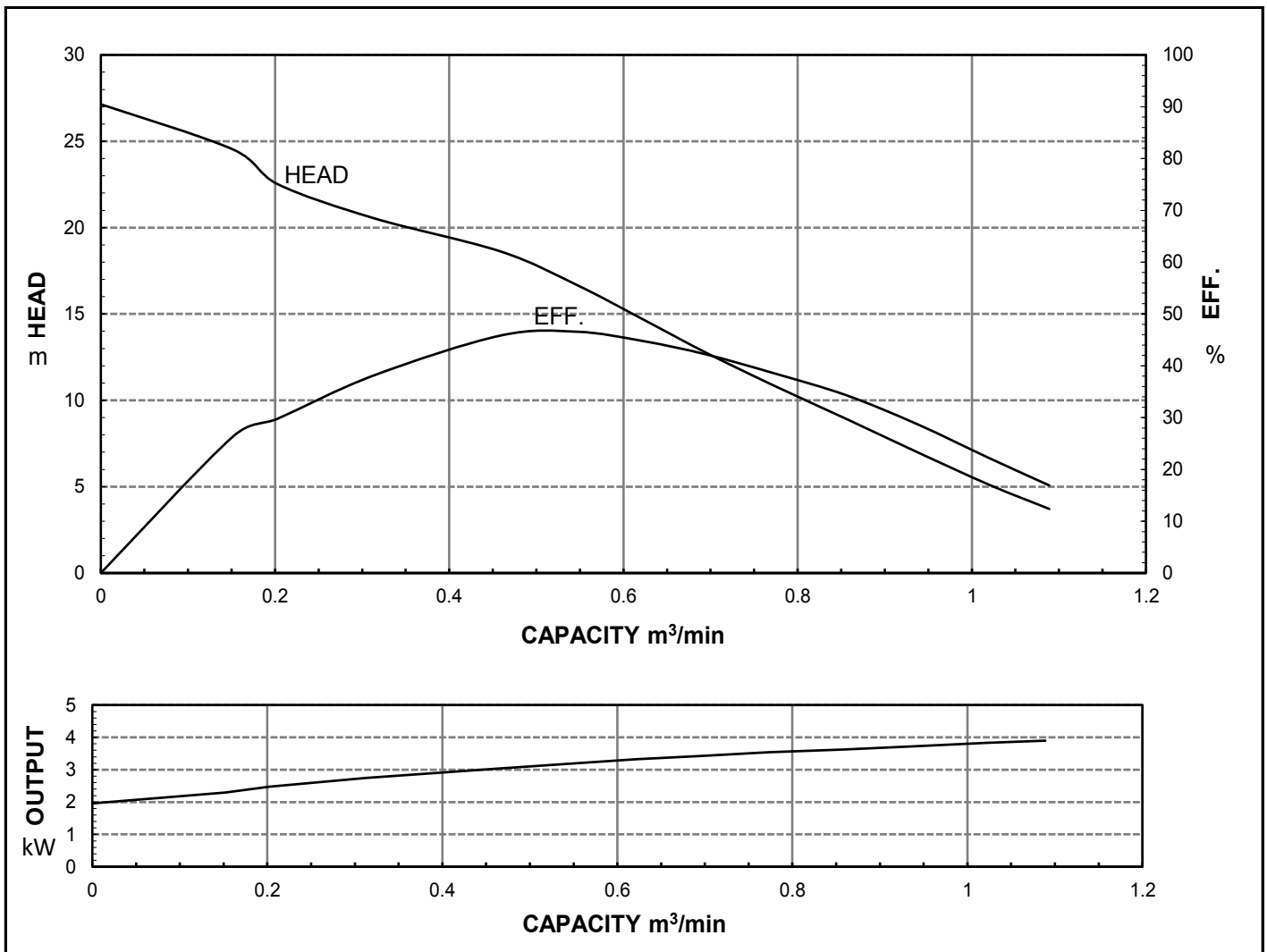
HCP PUMP MANUFACTURER CO.,LTD.



HCP PUMP

FILE NO. PC-M-E6-80SFU23.73

PUMP PERFORMANCE CURVES							
MODEL	80SFU23.7					VER. NO. AH0108	
	STANDARD SPECIFICATION					REFERENCE SPECIFICATION	
FREQUENCY	60 Hz						
DISCHARGE	3 inch		/		80 mm		
OUTPUT	5 HP		/		3.7 kW		
HEAD	17.5 m						
CAPACITY	0.5 m ³ /min						
PHASE/VOLTAGE	3 Ø	220 V	230 V	380 V	440 V	460 V	Ø V
RATED CURRENT		13.8 A	13.6 A	7.8 A	6.8 A	6.5 A	A
POLE / rpm	2 P		/		3460 rpm		
START METHOD	DIRECT						
INSULATION CLASS	F						
REMARK							



HCP PUMP MANUFACTURER CO.,LTD.

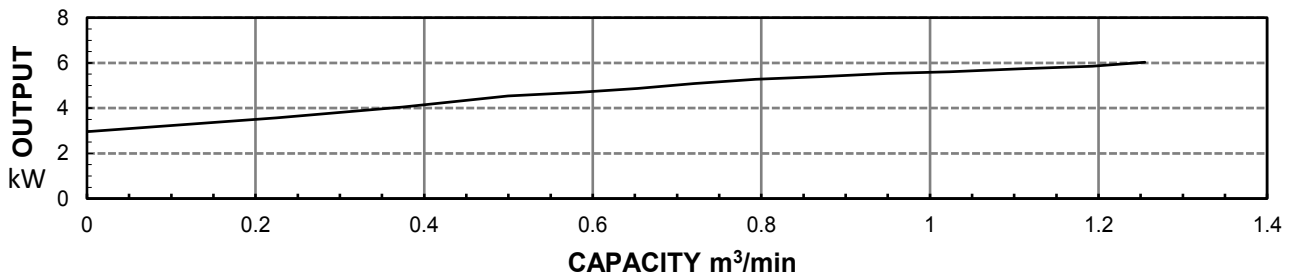
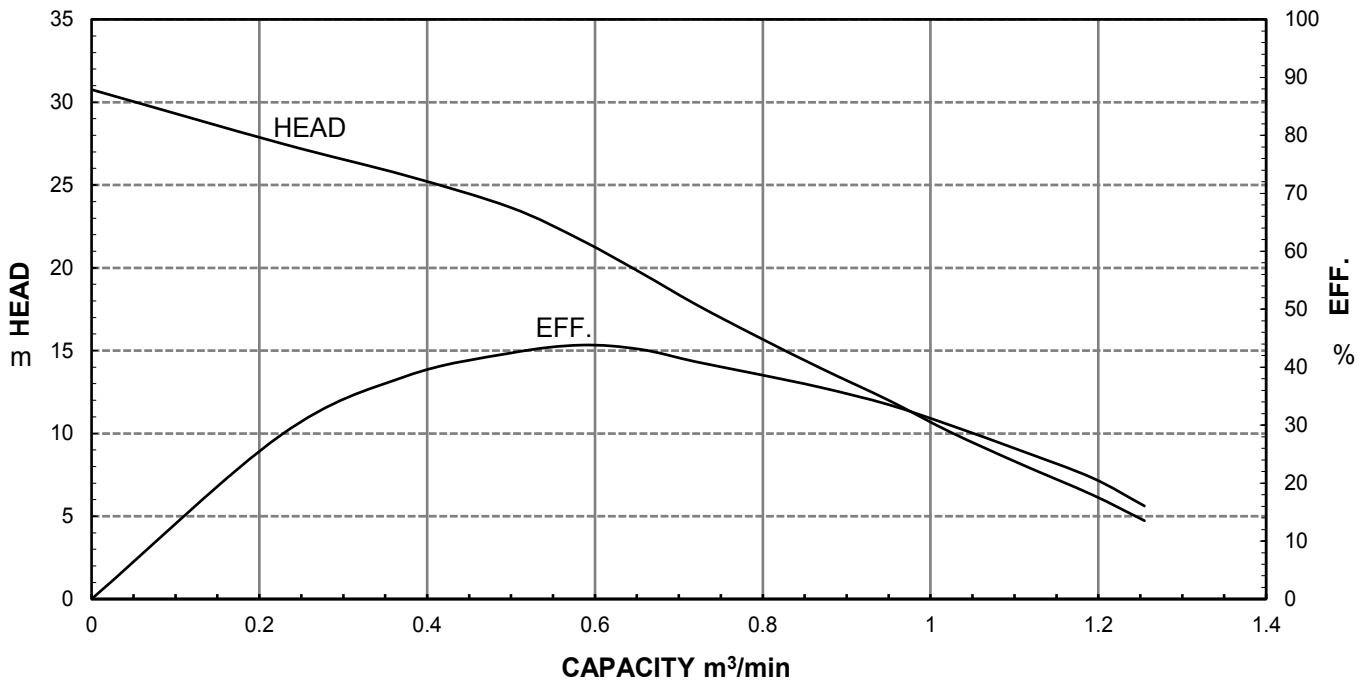


HCP PUMP

FILE NO. PC-M-E6-80SFU25.53

PUMP PERFORMANCE CURVES

MODEL	80SFU25.5					VER. NO. AH0108	
	STANDARD SPECIFICATION					REFERENCE SPECIFICATION	
FREQUENCY	60 Hz						
DISCHARGE	3	inch	/	80	mm		
OUTPUT	7.5	HP	/	5.5	kW	HP	kW
HEAD	21 m						
CAPACITY	0.6 m ³ /min						
PHASE/VOLTAGE	3 Ø	220 V	230 V	380 V	440 V	460 V	Ø V
RATED CURRENT		19.8 A	19.0 A	11.5 A	9.9 A	9.5 A	A
POLE / rpm	2	P	/	3480	rpm		
START METHOD	DIRECT						
INSULATION CLASS	F						
REMARK							



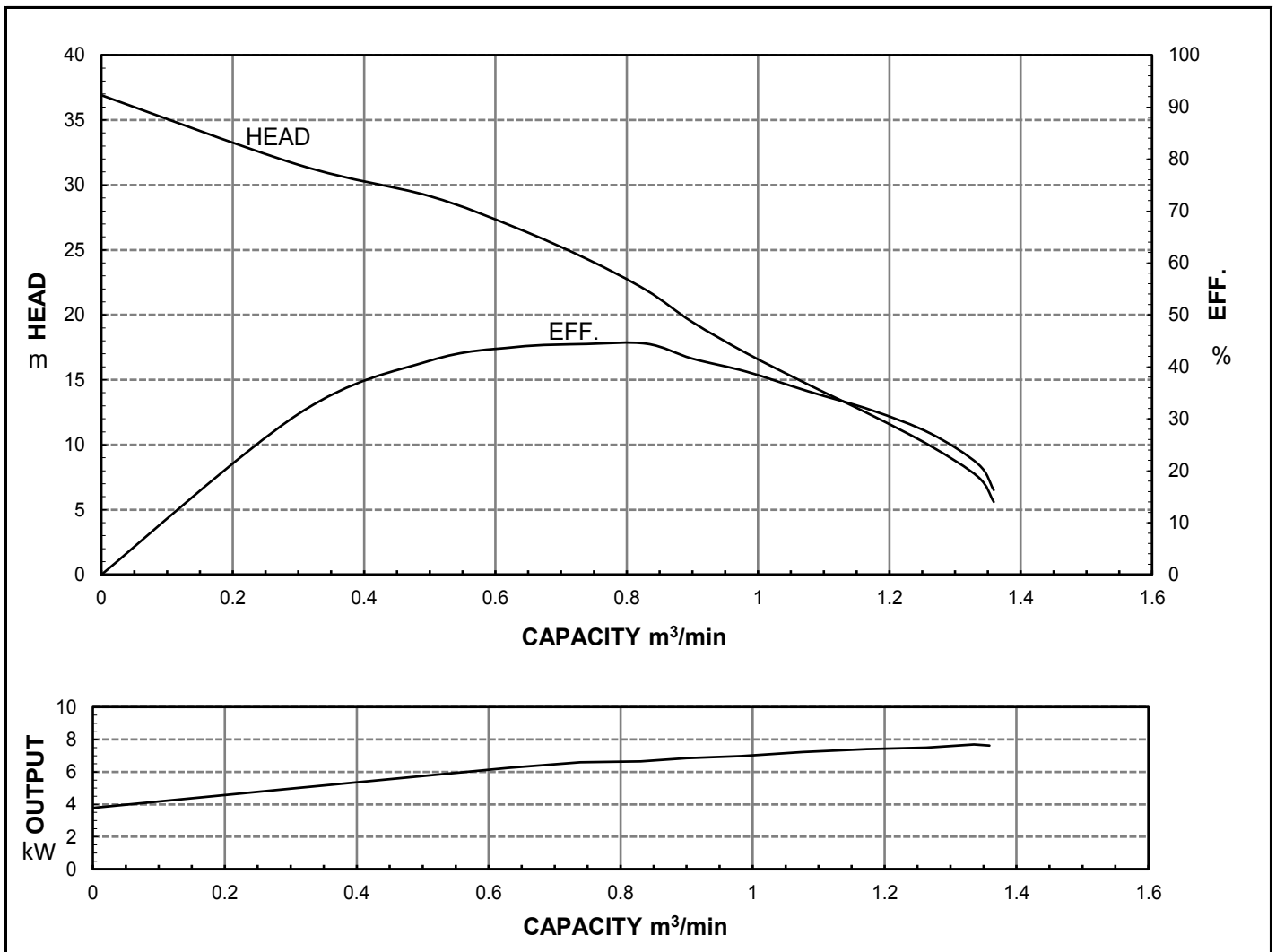
HCP PUMP MANUFACTURER CO.,LTD.



HCP PUMP

FILE NO. PC-M-E6-80SFU27.53

PUMP PERFORMANCE CURVES						
MODEL	80SFU27.5					VER. NO. AH0108
	STANDARD SPECIFICATION					REFERENCE SPECIFICATION
FREQUENCY	60 Hz					
DISCHARGE	3	inch	/	80	mm	
OUTPUT	10	HP	/	7.5	kW	HP kW
HEAD	27 m					
CAPACITY	0.6 m ³ /min					
PHASE/VOLTAGE	3 Ø	220 V	230 V	380 V	440 V	460 V
RATED CURRENT		25.8 A	24.6 A	15.0 A	12.9 A	12.3 A
POLE / rpm	2	P	/	3490	rpm	
START METHOD	DIRECT					
INSULATION CLASS	F					
REMARK						



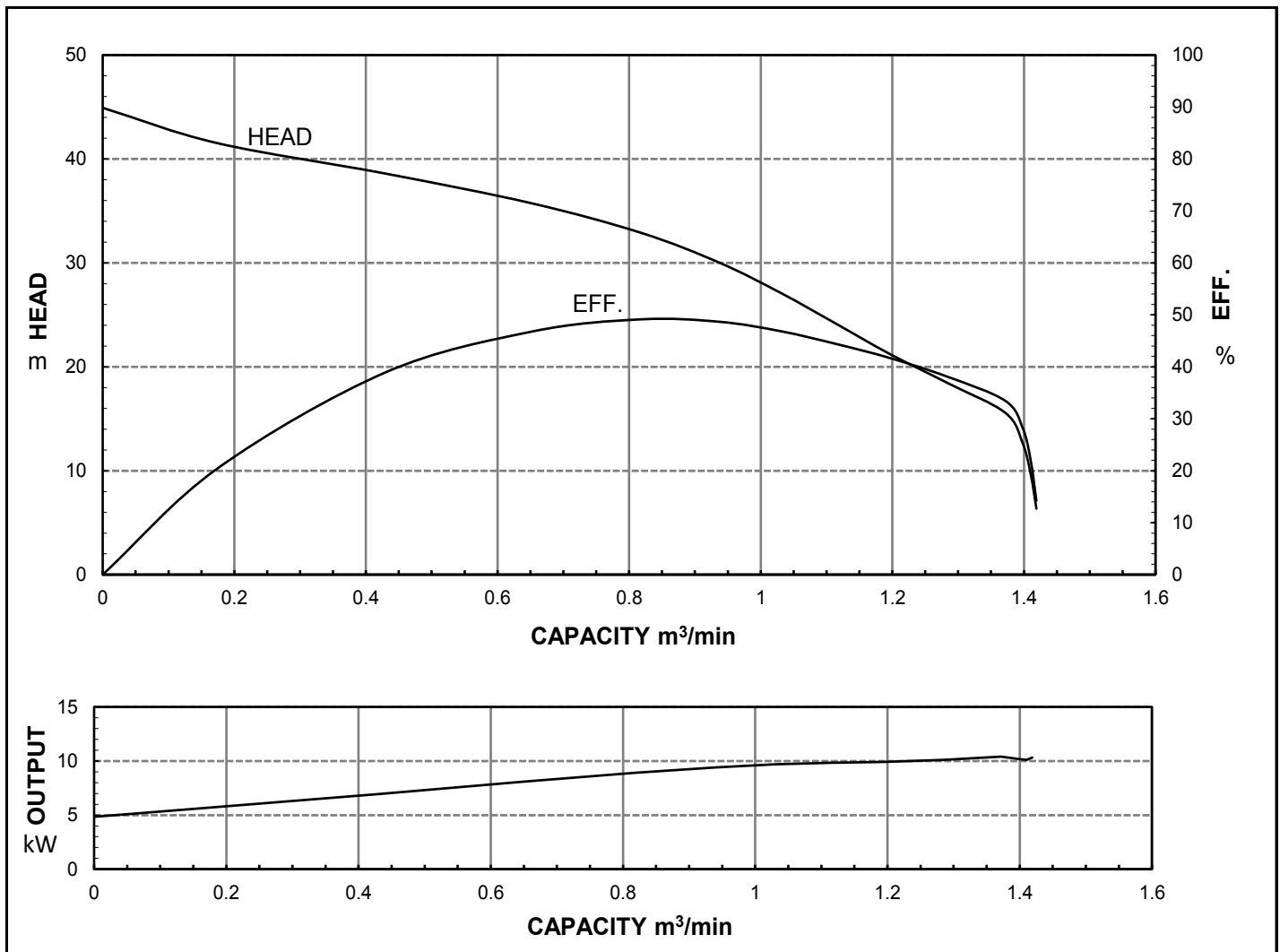
HCP PUMP MANUFACTURER CO.,LTD.



HCP PUMP

FILE NO. PC-M-E6-80SFU2113

PUMP PERFORMANCE CURVES							
MODEL	80SFU211					VER. NO. AH0108	
	STANDARD SPECIFICATION					REFERENCE SPECIFICATION	
FREQUENCY	60 Hz						
DISCHARGE	3	inch	/	80	mm		
OUTPUT	15	HP	/	11	kW	HP	kW
HEAD	36 m						
CAPACITY	0.6 m ³ /min						
PHASE/VOLTAGE	3 Ø	220 V	230 V	380 V	440 V	460 V	Ø V
RATED CURRENT		37.0 A	35.5 A	21.8 A	18.5 A	17.7 A	A
POLE / rpm	2	P	/	3490	rpm		
START METHOD	STAR-DELTA						
INSULATION CLASS	F						
REMARK							



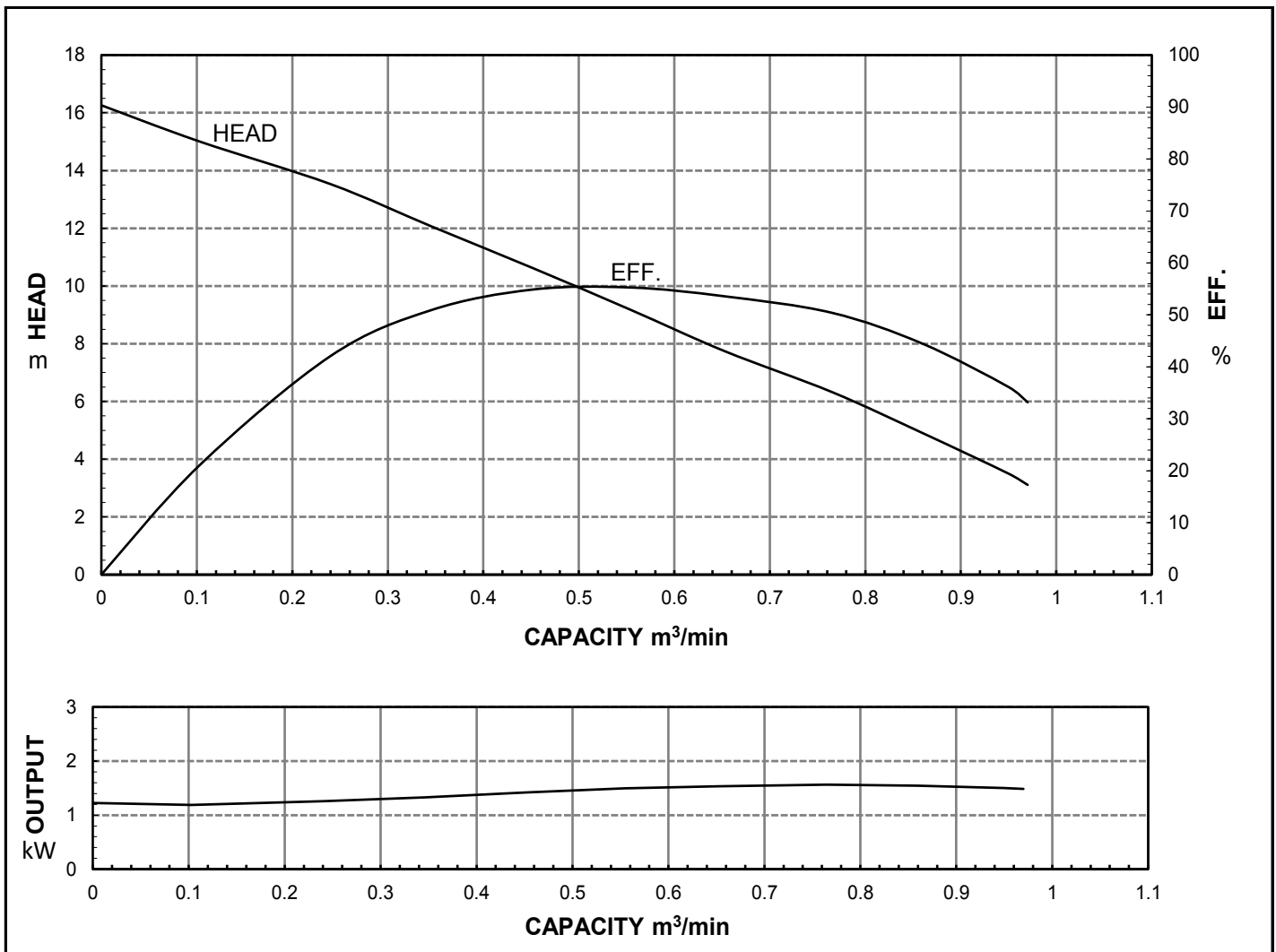
HCP PUMP MANUFACTURER CO.,LTD.



HCP PUMP

FILE NO. PC-M-E6-80SFP21.53

PUMP PERFORMANCE CURVES						
MODEL	80SFP21.5					VER. NO. AH0108
	STANDARD SPECIFICATION					REFERENCE SPECIFICATION
FREQUENCY	60 Hz					
DISCHARGE	3	inch /		80	mm	
OUTPUT	2	HP /		1.5	HP	kW
HEAD	8 m					
CAPACITY	0.6 m ³ /min					
PHASE/VOLTAGE	3 Ø	220 V	230 V	380 V	440 V	460 V
RATED CURRENT		6.0 A	6.0 A	3.4 A	3.0 A	3.0 A
POLE / rpm	2	P /		3440	rpm	
START METHOD	DIRECT					
INSULATION CLASS	B					
REMARK						



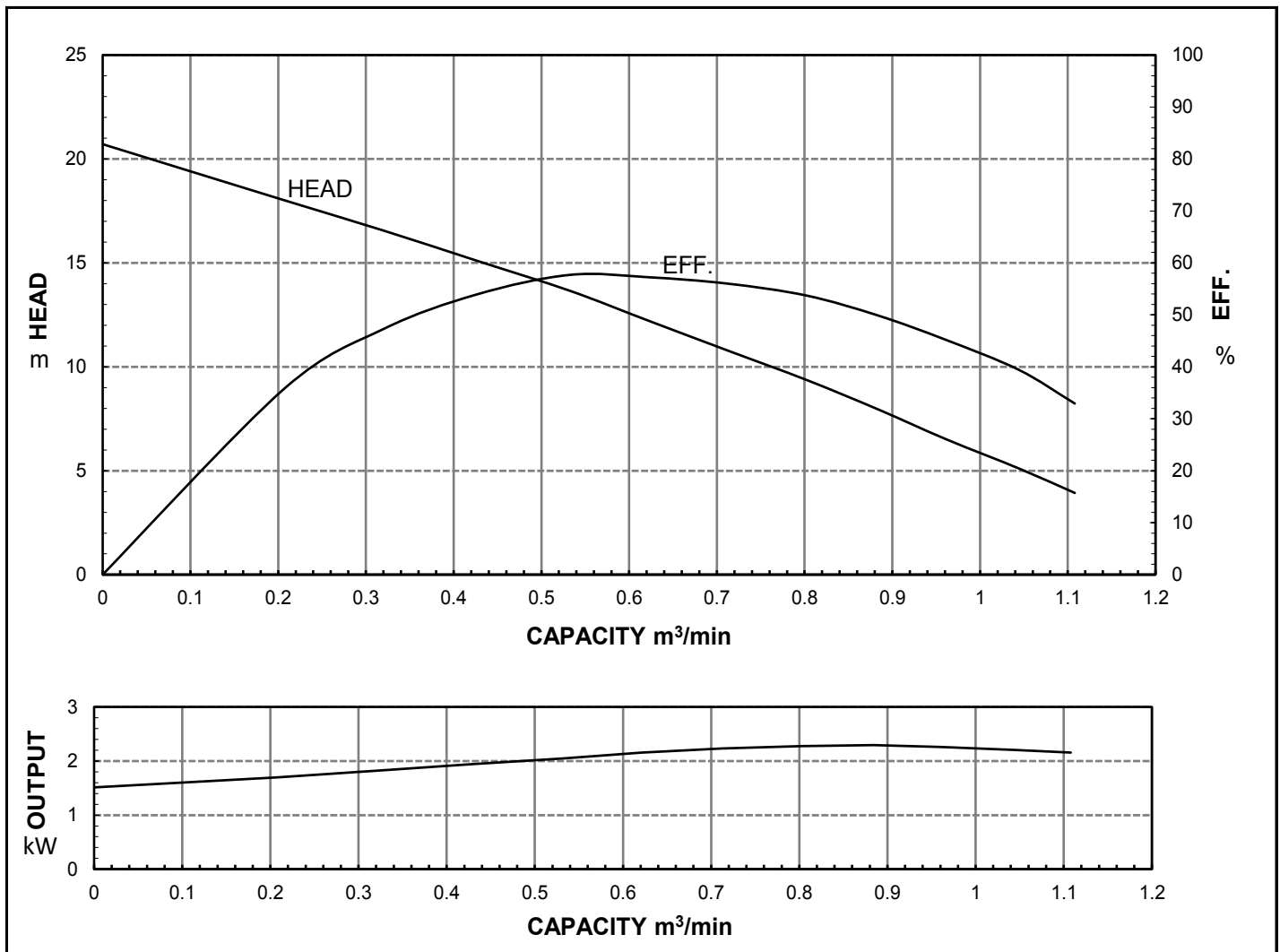
HCP PUMP MANUFACTURER CO.,LTD.



HCP PUMP

FILE NO. PC-M-E6-80SFP22.23

PUMP PERFORMANCE CURVES							
MODEL	80SFP22.2					VER. NO. AH0108	
	STANDARD SPECIFICATION					REFERENCE SPECIFICATION	
FREQUENCY	60 Hz						
DISCHARGE	3	inch	/	80	mm		
OUTPUT	3	HP	/	2.2	kW	HP	kW
HEAD	12.5 m						
CAPACITY	0.6 m ³ /min						
PHASE/VOLTAGE	3 Ø	220 V	230 V	380 V	440 V	460 V	Ø V
RATED CURRENT		8.6 A	8.4 A	4.8 A	4.3 A	4.2 A	A
POLE / rpm	2	P	/	3450	rpm		
START METHOD	DIRECT						
INSULATION CLASS	B						
REMARK							



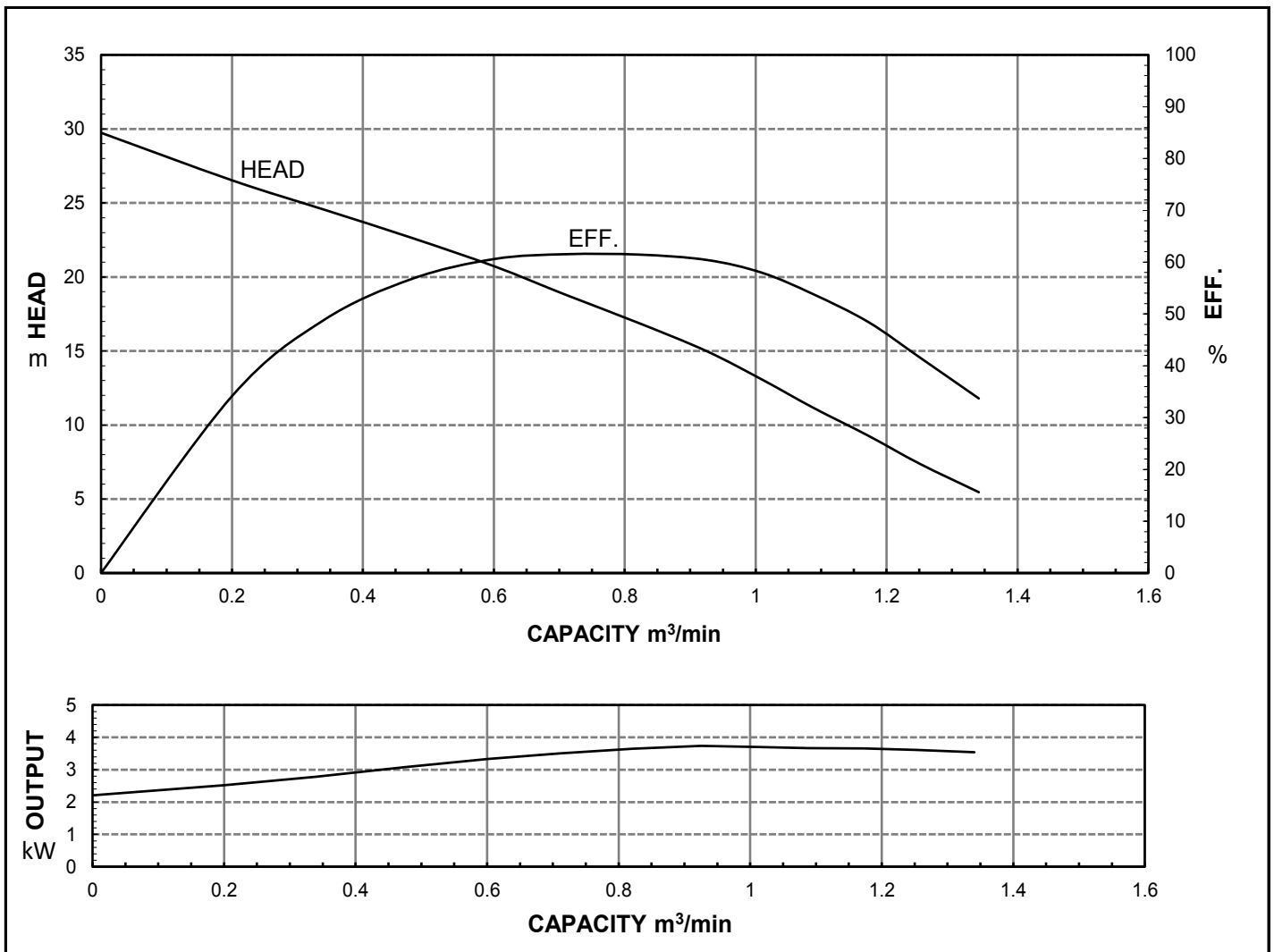
HCP PUMP MANUFACTURER CO.,LTD.



HCP PUMP

FILE NO. PC-M-E6-80SFP23.73

PUMP PERFORMANCE CURVES						
MODEL	80SFP23.7					VER. NO. AH0108
	STANDARD SPECIFICATION					REFERENCE SPECIFICATION
FREQUENCY	60 Hz					
DISCHARGE	3	inch	/	80	mm	
OUTPUT	5	HP	/	3.7	kW	HP kW
HEAD	20.5 m					
CAPACITY	0.6 m ³ /min					
PHASE/VOLTAGE	3 Ø	220 V	230 V	380 V	440 V	460 V
RATED CURRENT		13.8 A	13.6 A	7.8 A	6.8 A	6.5 A
POLE / rpm	2	P	/	3460	rpm	
START METHOD	DIRECT					
INSULATION CLASS	F					
REMARK						



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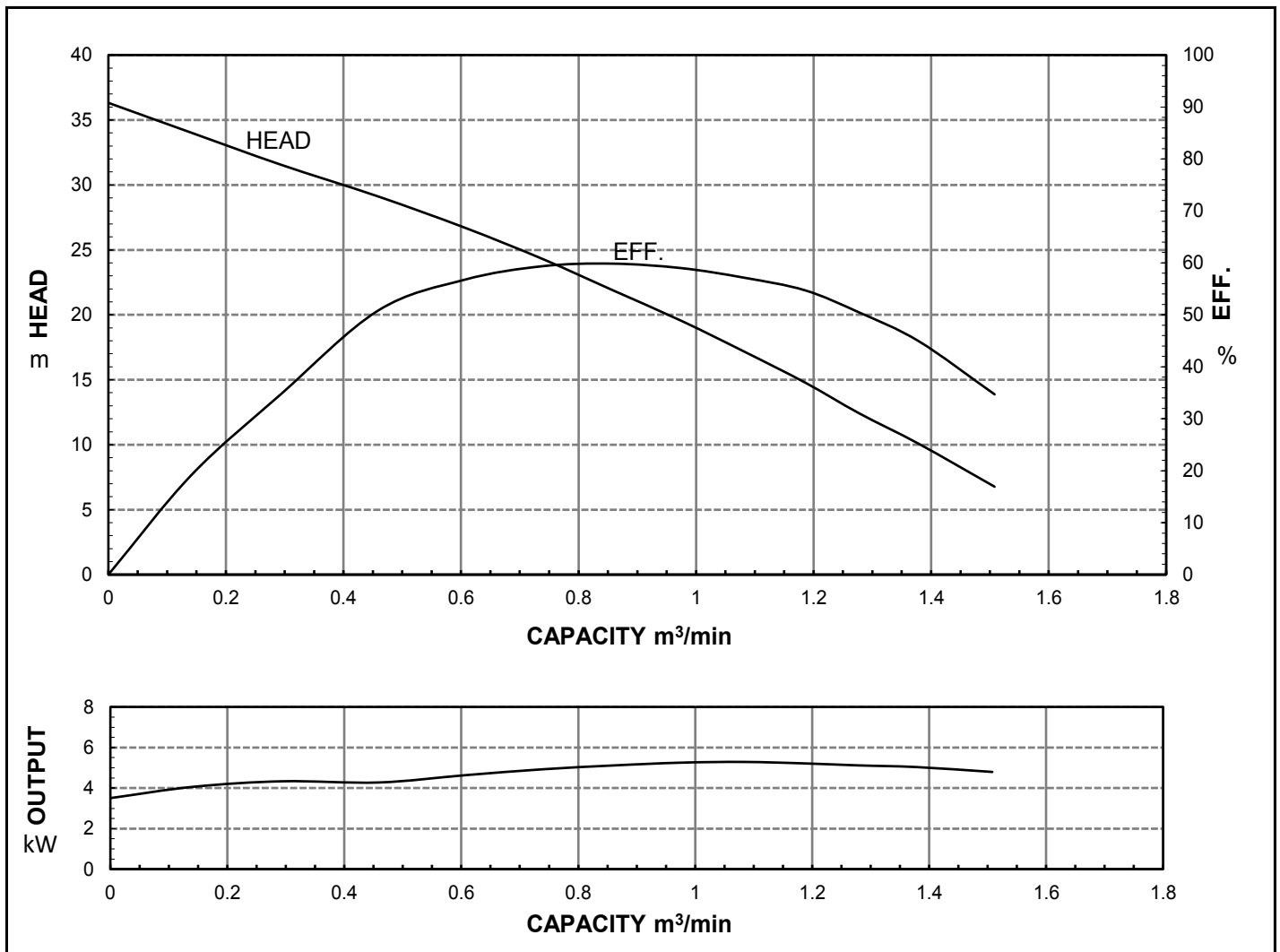


HCP PUMP

FILE NO. PC-M-E6-80(100)SFP25.53

PUMP PERFORMANCE CURVES

MODEL	80(100)SFP25.5					VER. NO. AH0105	
	STANDARD SPECIFICATION					REFERENCE SPECIFICATION	
FREQUENCY	60 Hz						
DISCHARGE	3 inch		/		80 mm		
OUTPUT	7.5 HP		/		5.5 kW		
HEAD	26.5 m						
CAPACITY	0.6 m ³ /min						
PHASE/VOLTAGE	3 Ø	220 V	230 V	380 V	440 V	460 V	Ø V
RATED CURRENT		19.8 A	19.0 A	11.5 A	9.9 A	9.5 A	A
POLE / rpm	2 P		/		3480 rpm		
START METHOD	DIRECT						
INSULATION CLASS	F						
REMARK							



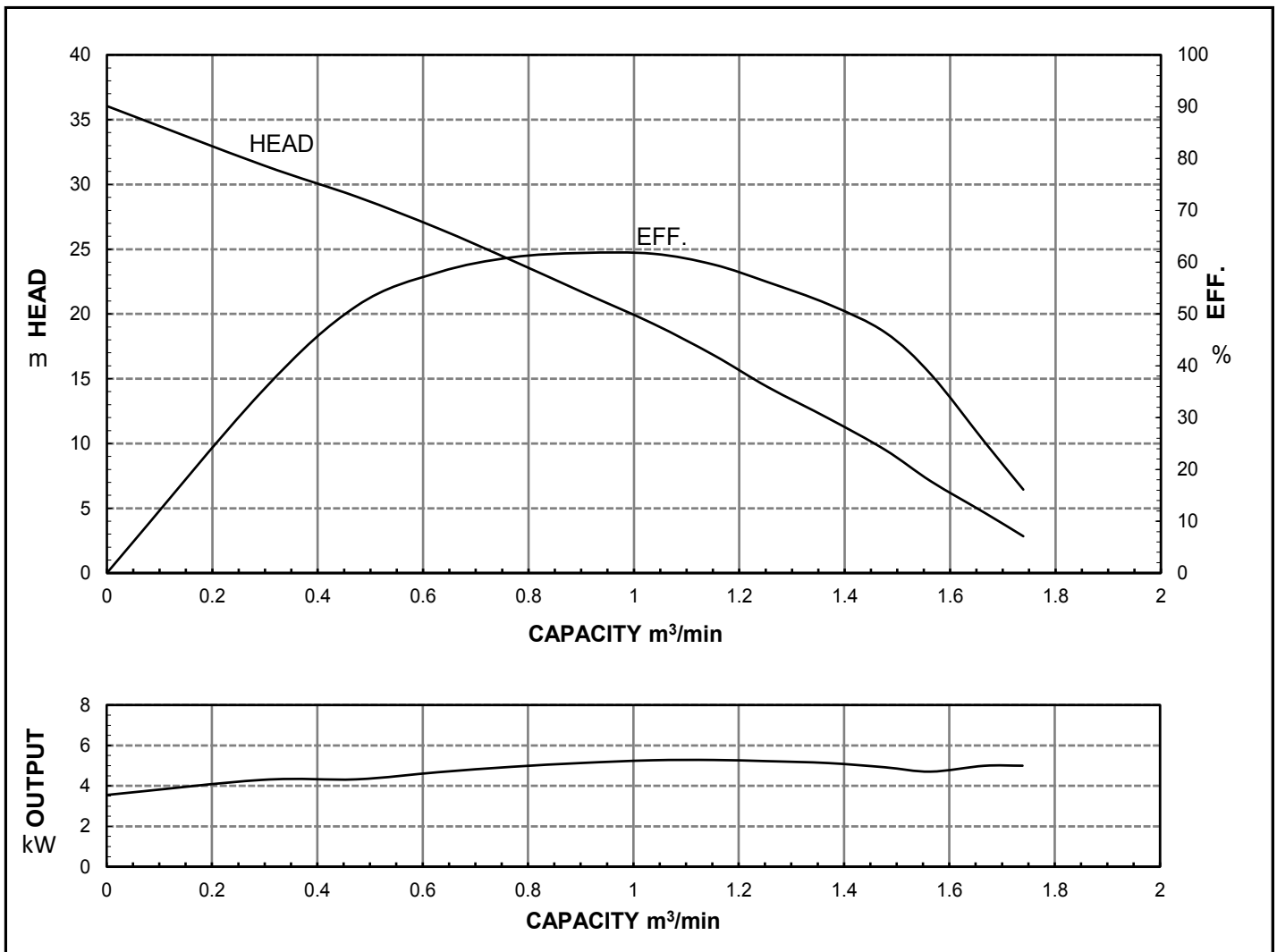
HCP PUMP MANUFACTURER CO.,LTD.



HCP PUMP

FILE NO. PC-M-E6-80(100)SFP25.53

PUMP PERFORMANCE CURVES						
MODEL	80(100)SFP25.5					VER. NO. AH0105
	STANDARD SPECIFICATION					REFERENCE SPECIFICATION
FREQUENCY	60 Hz					
DISCHARGE	4	inch	/	100	mm	
OUTPUT	7.5	HP	/	5.5	kW	HP kW
HEAD	20 m					
CAPACITY	1 m ³ /min					
PHASE/VOLTAGE	3 Ø	220 V	230 V	380 V	440 V	460 V
RATED CURRENT		19.8 A	19.0 A	11.5 A	9.9 A	9.5 A
POLE / rpm	2	P	/	3480	rpm	
START METHOD	DIRECT					
INSULATION CLASS	F					
REMARK						



HCP PUMP MANUFACTURER CO.,LTD.

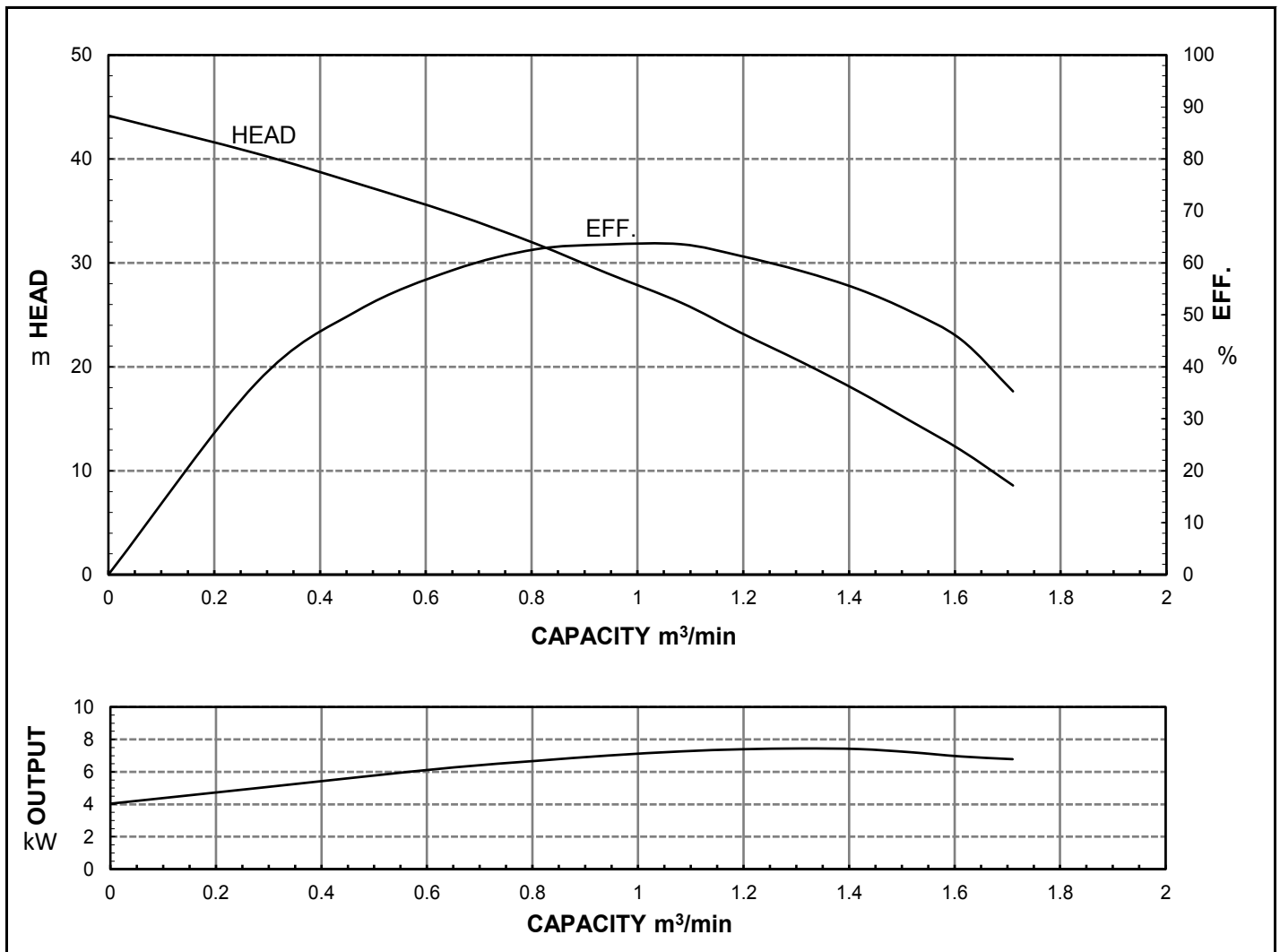


HCP PUMP

FILE NO. PC-M-E6-80(100)SFP27.53

PUMP PERFORMANCE CURVES

MODEL	80(100)SFP27.5					VER. NO. AH0105	
	STANDARD SPECIFICATION					REFERENCE SPECIFICATION	
FREQUENCY	60 Hz						
DISCHARGE	3	inch	/	80	mm		
OUTPUT	10	HP	/	7.5	kW	HP	kW
HEAD	35 m						
CAPACITY	0.6 m ³ /min						
PHASE/VOLTAGE	3 Ø	220 V	230 V	380 V	440 V	460 V	Ø V
RATED CURRENT		25.8 A	24.6 A	15.0 A	12.9 A	12.3 A	A
POLE / rpm	2	P	/	3490	rpm		
START METHOD	DIRECT						
INSULATION CLASS	F						
REMARK							



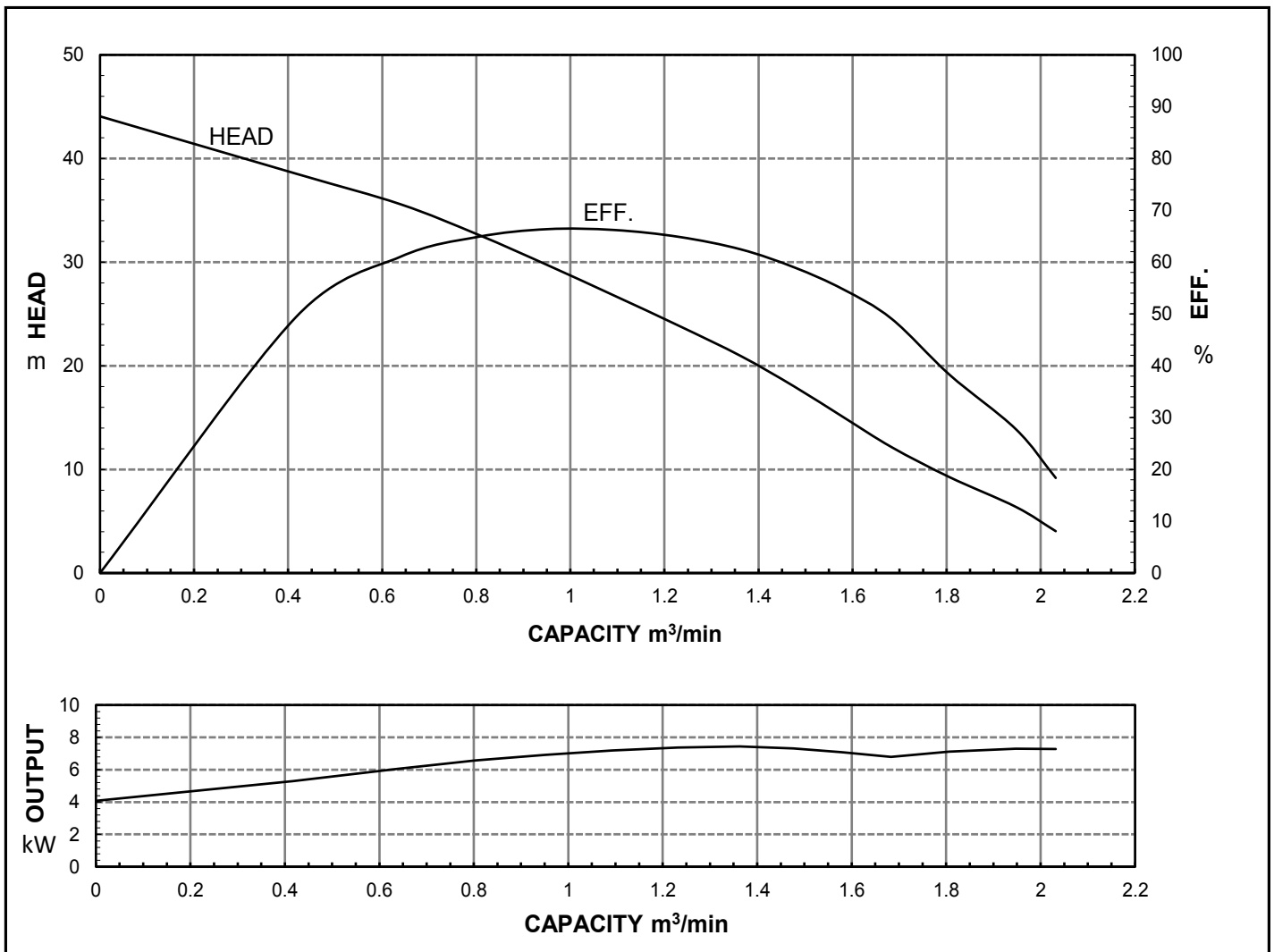
HCP PUMP MANUFACTURER CO.,LTD.



HCP PUMP

FILE NO. PC-M-E6-80(100)SFP27.53

PUMP PERFORMANCE CURVES						
MODEL	80(100)SFP27.5					VER. NO. AH0105
	STANDARD SPECIFICATION					REFERENCE SPECIFICATION
FREQUENCY	60 Hz					
DISCHARGE	4	inch	/	100	mm	
OUTPUT	10	HP	/	7.5	kW	HP kW
HEAD	28 m					
CAPACITY	1 m ³ /min					
PHASE/VOLTAGE	3 Ø	220 V	230 V	380 V	440 V	460 V
RATED CURRENT		25.8 A	24.6 A	15.0 A	12.9 A	12.3 A
POLE / rpm	2	P	/	3490	rpm	
START METHOD	DIRECT					
INSULATION CLASS	F					
REMARK						



HCP PUMP MANUFACTURER CO.,LTD.

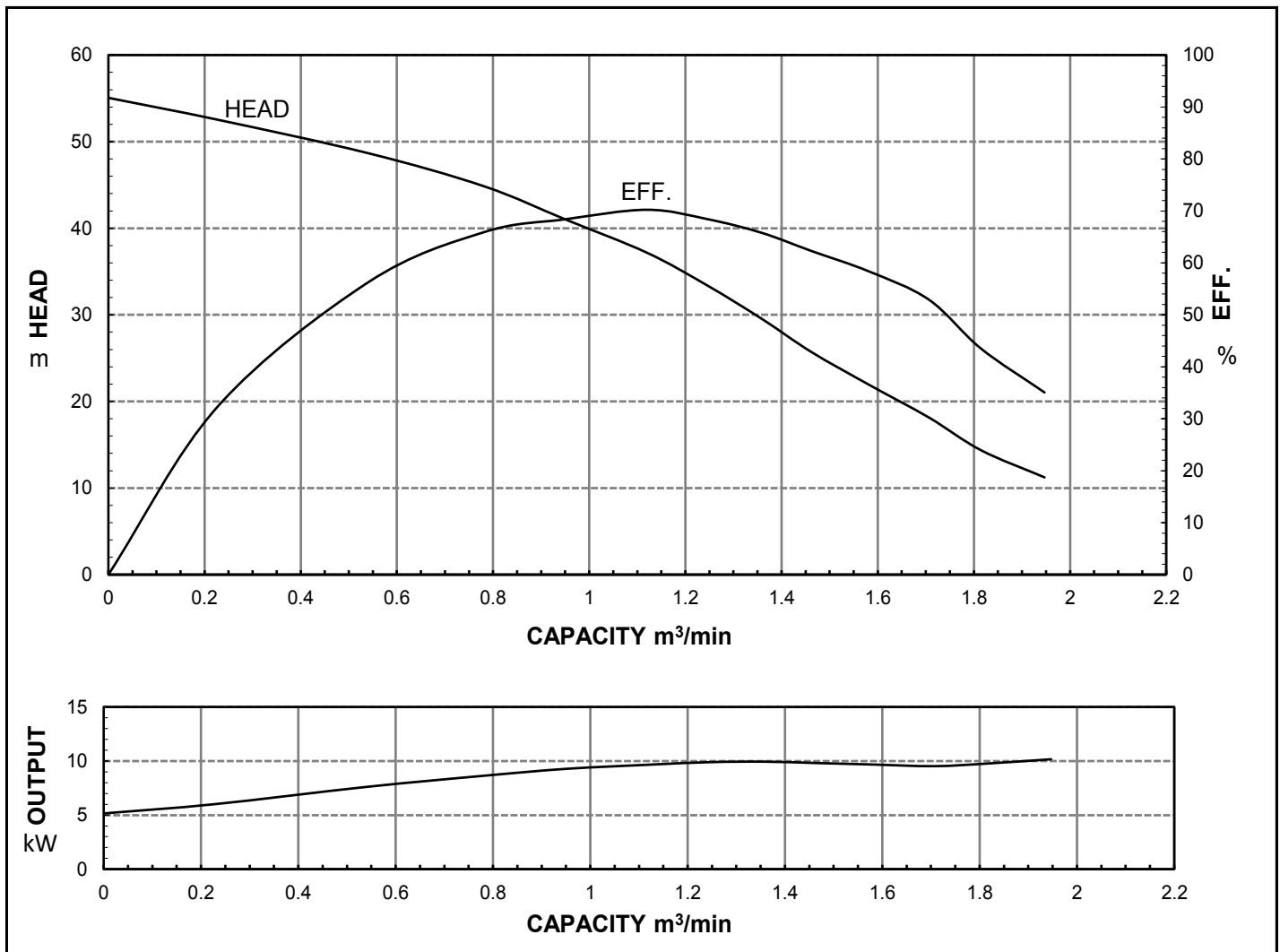


HCP PUMP

FILE NO. PC-M-E6-80(100)SFP2113

PUMP PERFORMANCE CURVES

MODEL	80(100)SFP211					VER. NO. AH0104	
	STANDARD SPECIFICATION					REFERENCE SPECIFICATION	
FREQUENCY	60 Hz						
DISCHARGE	3	inch	/	80	mm		
OUTPUT	15	HP	/	11	kW	HP	kW
HEAD	47 m						
CAPACITY	0.6 m ³ /min						
PHASE/VOLTAGE	3 Ø	220 V	230 V	380 V	440 V	460 V	Ø V
RATED CURRENT		37.0 A	35.5 A	21.8 A	18.5 A	17.7 A	A
POLE / rpm	2	P	/	3490	rpm		
START METHOD	STAR-DELTA						
INSULATION CLASS	F						
REMARK							



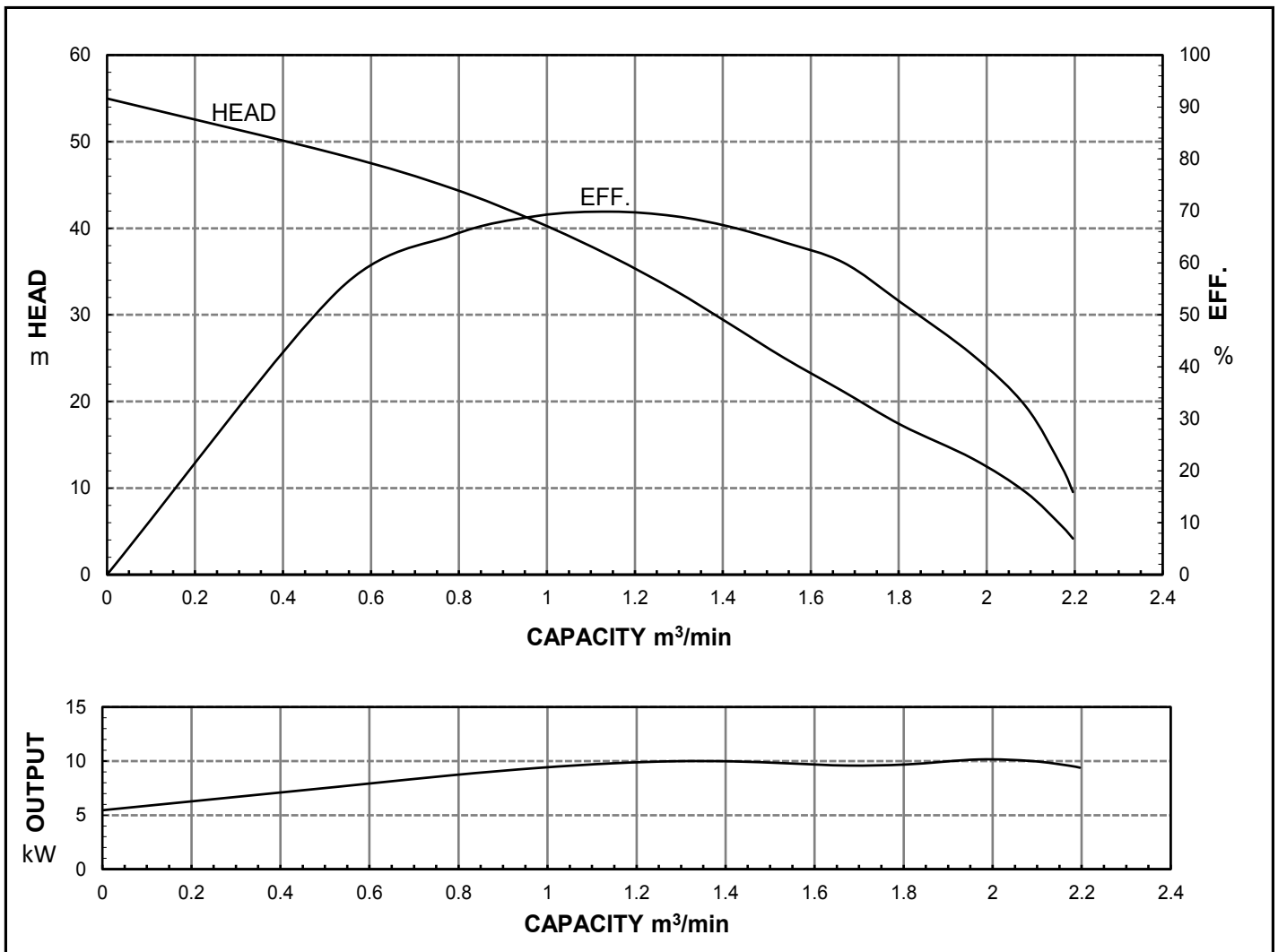
HCP PUMP MANUFACTURER CO.,LTD.



HCP PUMP

FILE NO. PC-M-E6-80(100)SFP2113

PUMP PERFORMANCE CURVES						
MODEL	80(100)SFP211					VER. NO. AH0104
	STANDARD SPECIFICATION					REFERENCE SPECIFICATION
FREQUENCY	60 Hz					
DISCHARGE	4	inch	/	100	mm	
OUTPUT	15	HP	/	11	kW	HP kW
HEAD	39.5 m					
CAPACITY	1 m ³ /min					
PHASE/VOLTAGE	3 Ø	220 V	230 V	380 V	440 V	460 V
RATED CURRENT		37.0 A	35.5 A	21.8 A	18.5 A	17.7 A
POLE / rpm	2	P	/	3490	rpm	
START METHOD	STAR-DELTA					
INSULATION CLASS	F					
REMARK						



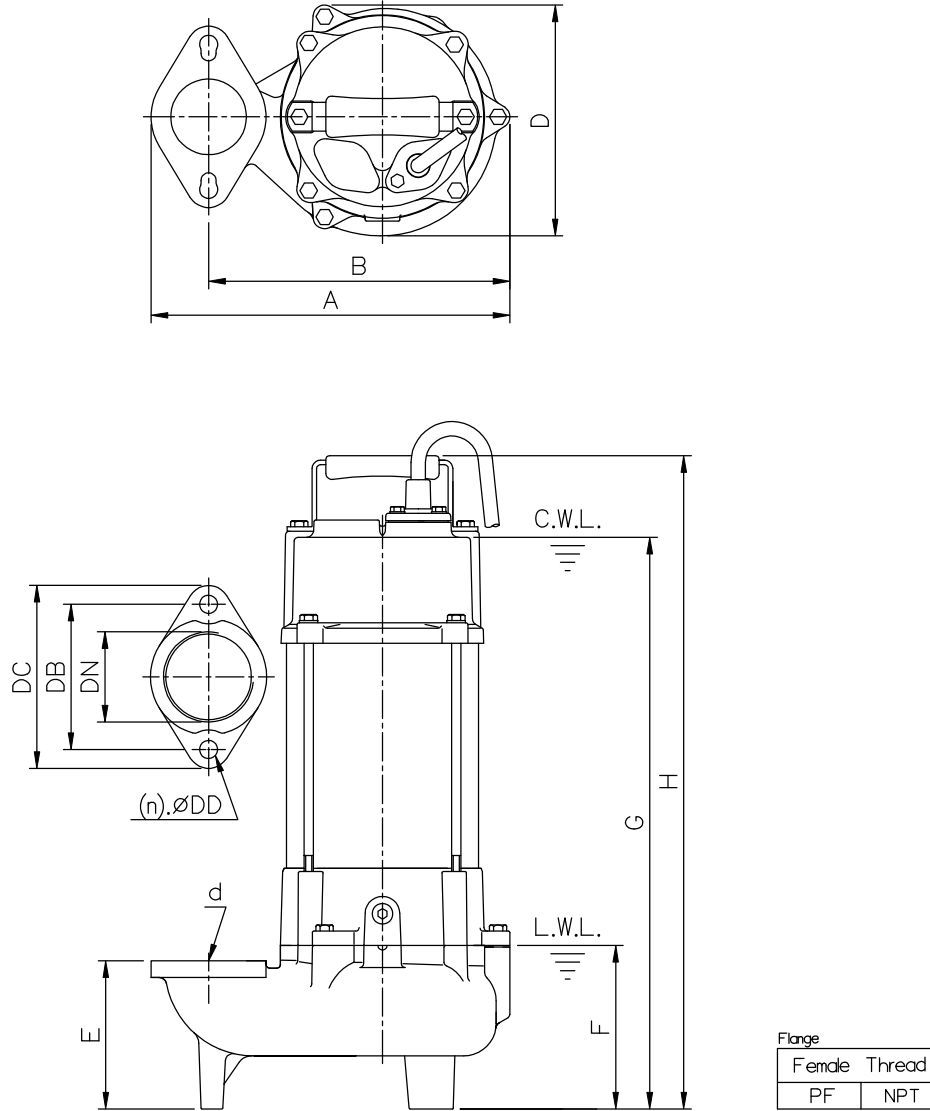
HCP PUMP MANUFACTURER CO.,LTD.

DIMENSIONS

No: S2SFU208A30-11

MODEL: 50SFU2.4A & 50SFU2.8A

1Ø & 3Ø



Dimensions—mm

Weight:kg

Model	d	A	B	D	E	F	G	H	WT1	Elbow (Flange) Set	DN	DB	DC	DD	(n)QTY	WT2
50SFU2.4A 1Ø	50	237	199	153	98	108	378	432	15	ESF2-96K	50	96	121	12	2	1
50SFU2.8A 1Ø	50	237	199	153	98	108	378	432	16	ESF2-96K	50	96	121	12	2	1
50SFU2.4A 3Ø	50	237	199	153	98	108	378	432	14	ESF2-96K	50	96	121	12	2	1
50SFU2.8A 3Ø	50	237	199	153	98	108	378	432	15	ESF2-96K	50	96	121	12	2	1

Dimensions—inch

Weight:lb

Model	d	A	B	D	E	F	G	H	WT1	Elbow (Flange) Set	DN	DB	DC	DD	(n)QTY	WT2
50SFU2.4A 1Ø	2	9 ⁵ / ₁₆	7 ¹³ / ₁₆	6	3 ⁷ / ₈	4 ¹ / ₄	14 ⁷ / ₈	17	33	ESF2-96K	2	3 ³ / ₄	4 ³ / ₄	1/2	2	1
50SFU2.8A 1Ø	2	9 ⁵ / ₁₆	7 ¹³ / ₁₆	6	3 ³ / ₈	4 ¹ / ₄	14 ⁷ / ₈	17	35	ESF2-96K	2	3 ³ / ₄	4 ³ / ₄	1/2	2	1
50SFU2.4A 3Ø	2	9 ⁵ / ₁₆	7 ¹³ / ₁₆	6	3 ⁷ / ₈	4 ¹ / ₄	14 ⁷ / ₈	17	31	ESF2-96K	2	3 ³ / ₄	4 ³ / ₄	1/2	2	1
50SFU2.8A 3Ø	2	9 ⁵ / ₁₆	7 ¹³ / ₁₆	6	3 ⁷ / ₈	4 ¹ / ₄	14 ⁷ / ₈	17	33	ESF2-96K	2	3 ³ / ₄	4 ³ / ₄	1/2	2	1

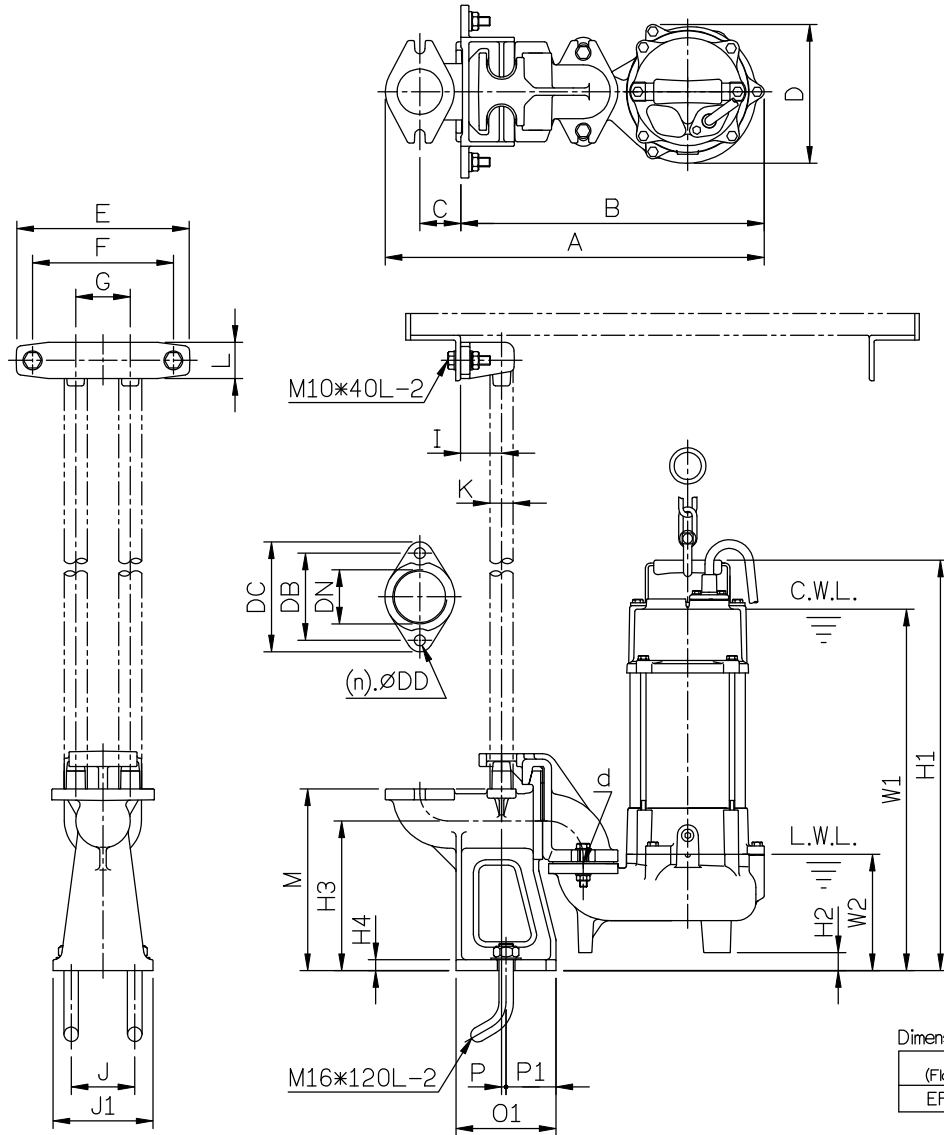
C.W.L.:Continuous Running Water Level WT1:Pump Weight(Without Cable)
 L.W.L.:Lowest Running Water Level WT2:Elbow Set Weight

DIMENSIONS

No: S2SFU208A3T-11

MODEL: 50SFU2.4A & 50SFU2.8A

1Ø & 3Ø



Flange	
Female	Thread
PF	NPT

Dimensions-mm

Elbow (Flange) Set	DN	DB	DC	DD	(n)QTY
EF2-96	50	96	121	12	2

Dimensions-inch

Elbow (Flange) Set	DN	DB	DC	DD	(n)QTY
EF2-96	2	3 3/4	4 3/4	1/2	2

Dimensions-mm

Weight:kg

Model	d	A	B	C	D	E	F	G	I	J	J1	K	L	M	O1	P	P1	W1	W2	H1	H2	H3	H4	WT1	GRS Set	WT2
50SFU2.4A 1Ø	50	417	334	45	153	190	155	60	45	70	110	3/4"	40	200	110	5	55	398	128	452	20	165	12	15	ST2-50	9
50SFU2.8A 1Ø	50	417	334	45	153	190	155	60	45	70	110	3/4"	40	200	110	5	55	398	128	452	20	165	12	16	ST2-50	9
50SFU2.4A 3Ø	50	417	334	45	153	190	155	60	45	70	110	3/4"	40	200	110	5	55	398	128	452	20	165	12	14	ST2-50	9
50SFU2.8A 3Ø	50	417	334	45	153	190	155	60	45	70	110	3/4"	40	200	110	5	55	398	128	452	20	165	12	15	ST2-50	9

Dimensions-inch

Weight:lb

Model	d	A	B	C	D	E	F	G	I	J	J1	K	L	M	O1	P	P1	W1	W2	H1	H2	H3	H4	WT1	GRS Set	WT2
50SFU2.4A 1Ø	2	16 7/16	13 3/8	1 3/4	6	7 1/2	6 1/8	2 3/8	1 3/4	2 3/4	4 5/16	3/4	1 1/16	7 15/16	4 5/16	3/16	2 1/16	15 11/16	5 1/8	17 3/16	1 1/16	6 1/2	1/2	33	ST2-50	20
50SFU2.8A 1Ø	2	16 7/16	13 3/8	1 3/4	6	7 1/2	6 1/8	2 3/8	1 3/4	2 3/4	4 5/16	3/4	1 1/16	7 15/16	4 5/16	3/16	2 1/16	15 11/16	5 1/8	17 3/16	1 1/16	6 1/2	1/2	35	ST2-50	20
50SFU2.4A 3Ø	2	16 7/16	13 3/8	1 3/4	6	7 1/2	6 1/8	2 3/8	1 3/4	2 3/4	4 1/16	3/4	1 1/16	7 15/16	4 1/16	3/16	2 3/16	15 11/16	5 1/8	17 3/16	1 1/16	6 1/2	1/2	31	ST2-50	20
50SFU2.8A 3Ø	2	16 7/16	13 3/8	1 3/4	6	7 1/2	6 1/8	2 3/8	1 3/4	2 3/4	4 5/16	3/4	1 1/16	7 15/16	4 5/16	3/16	2 1/16	15 11/16	5 1/8	17 3/16	1 1/16	6 1/2	1/2	33	ST2-50	20

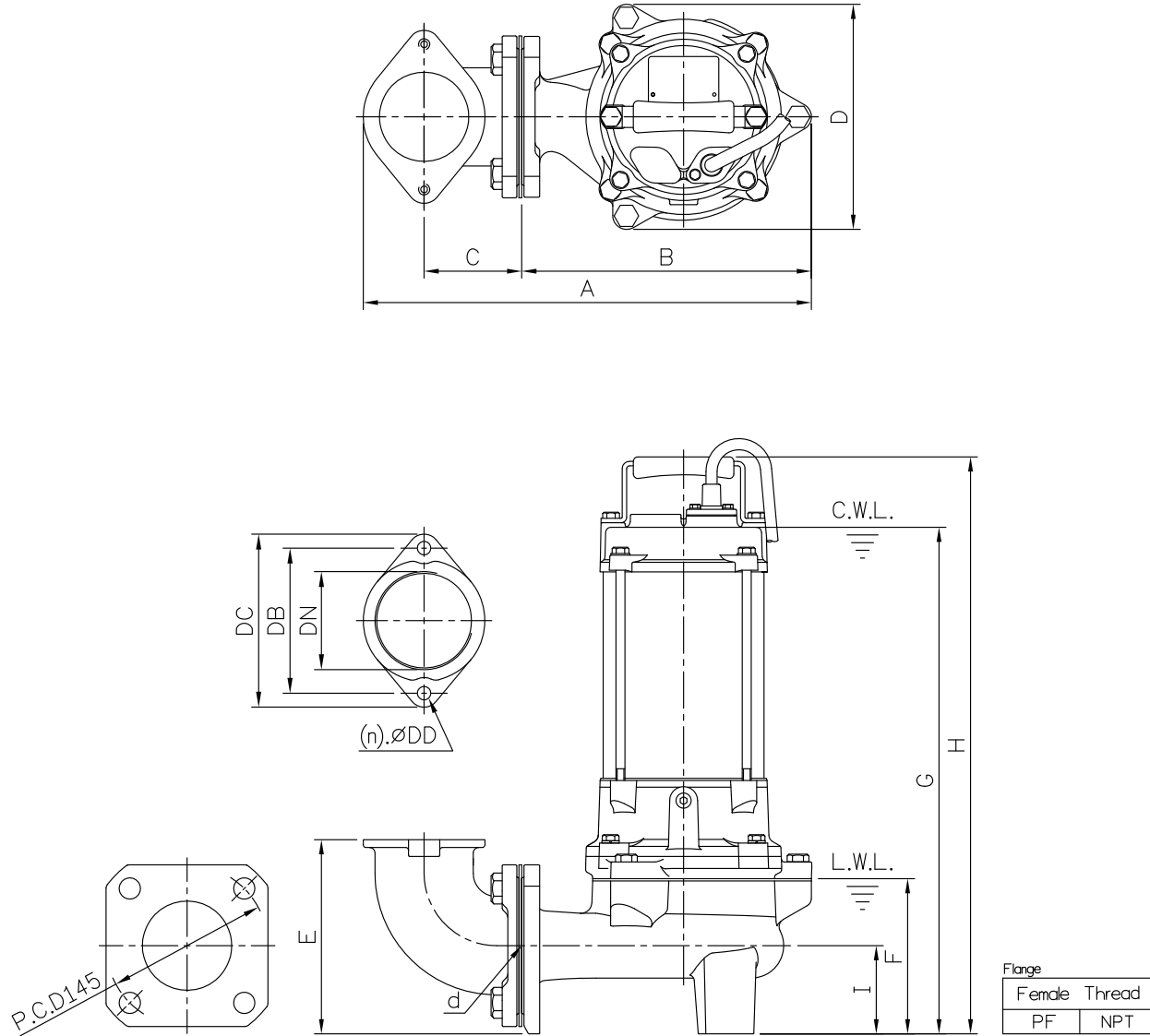
C.W.L.:Continuous Running Water Level WT1:Pump Weight(Without Cable)
 L.W.L.:Lowest Running Water Level WT2:GRS Set Weight

DIMENSIONS

No: S3SFU222030-00

MODEL: 80SFU21.5 & 80SFU22.2

30



Dimensions-mm

Weight:Kg

Model	d	A	B	C	D	E	F	G	H	I	WT1 50Hz/60Hz	Elbow (Flange) Set	DN	DB	DC	DD	(n)QTY	WT2
80SFU21.5	80	402	260	88	202	174	139	454	517	79	27/26	ESB3-130K	80	130	155	12	2	4
80SFU22.2	80	402	260	88	202	174	139	454	517	79	29	ESB3-130K	80	130	155	12	2	4

Dimensions-inch

Weight:Lbs

Model	d	A	B	C	D	E	F	G	H	I	WT1 50Hz/60Hz	Elbow (Flange) Set	DN	DB	DC	DD	(n)QTY	WT2
80SFU21.5	3	15 ³ / ₁₆	10 ¹ / ₄	3 ¹ / ₁₆	7 ¹⁵ / ₁₆	6 ⁷ / ₈	5 ¹ / ₂	17 ⁷ / ₈	20 ³ / ₈	3 ¹ / ₈	60/57	ESB3-130K	3	5 ¹ / ₈	6 ¹ / ₈	1/2	2	9
80SFU22.2	3	15 ³ / ₁₆	10 ¹ / ₄	3 ¹ / ₁₆	7 ¹⁵ / ₁₆	6 ⁷ / ₈	5 ¹ / ₂	17 ⁷ / ₈	20 ³ / ₈	3 ¹ / ₈	64	ESB3-130K	3	5 ¹ / ₈	6 ¹ / ₈	1/2	2	9

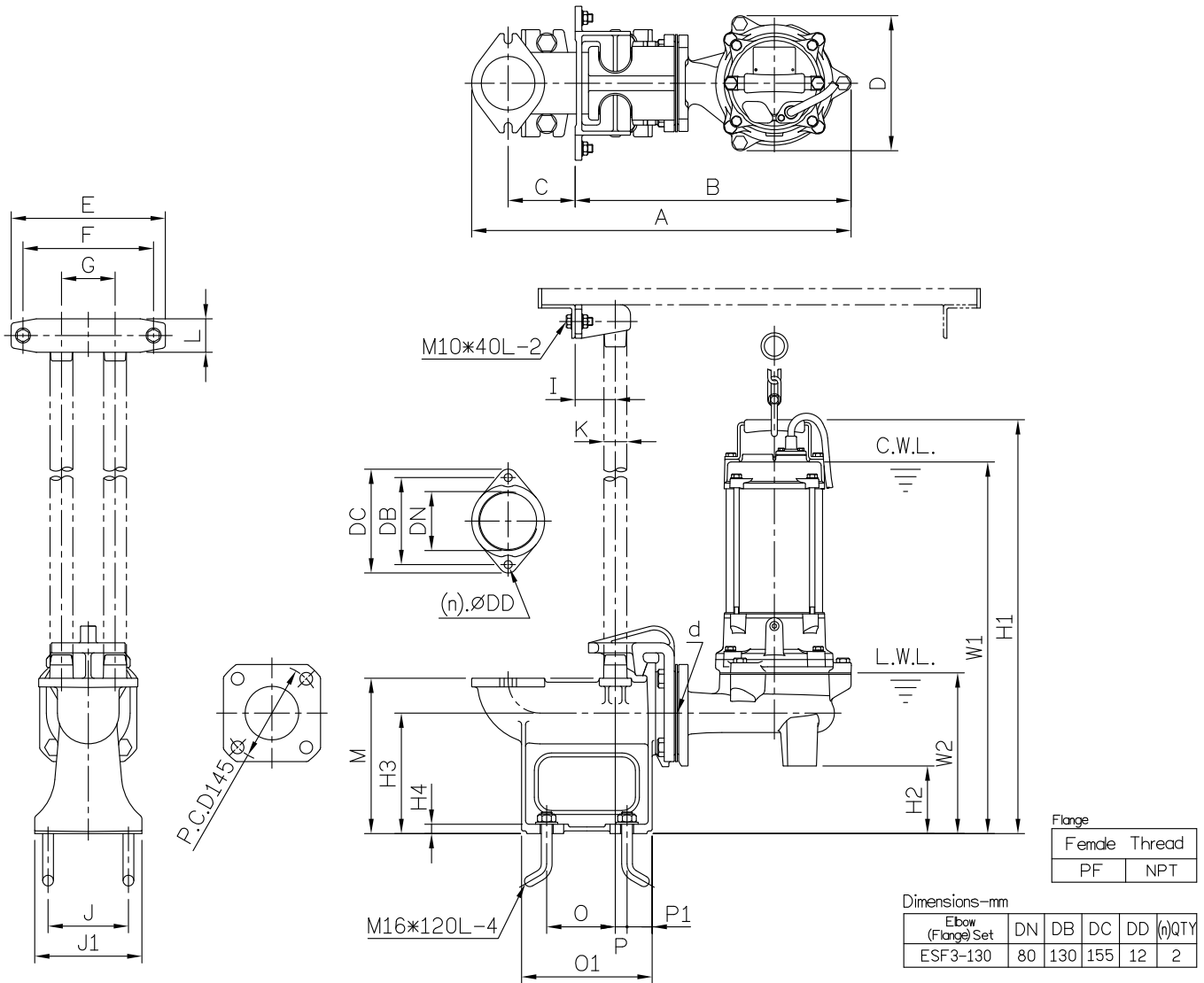
C.W.L.:Continuous Running Water Level WT1:Pump Weight(Without Cable)
L.W.L.:Lowest Running Water Level WT2:Elbow Set Weight

DIMENSIONS

No: S3SFU22203T-00

MODEL: 80SFU21.5 & 80SFU22.2

30



Flange	
Female	Thread
PF	NPT

Dimensions-mm						
Elbow (Flange) Set	DN	DB	DC	DD	(n)QTY	
ESF3-130	80	130	155	12	2	

Dimensions-inch						
Elbow (Flange) Set	DN	DB	DC	DD	(n)QTY	
ESF3-130	3	5 1/8	6 1/8	1/2	2	

Dimensions-mm																				Weight:Kg							
Model	d	A	B	C	D	E	F	G	I	J	J1	K	L	M	O	O1	P	P1	W1	W2	H1	H2	H3	H4	WT1 50Hz/60Hz	GRS Set	WT2
80SFU21.5	80	567	412	100	202	230	195	80	60	120	160	1 1/4	50	232	103	195	18	38	555	240	618	101	180	14	27/26	ST2-80	19
80SFU22.2	80	567	412	100	202	230	195	80	60	120	160	1 1/4	50	232	103	195	18	38	555	240	618	101	180	14	29	ST2-80	19

Dimensions-inch																				Weight:Lbs							
Model	d	A	B	C	D	E	F	G	I	J	J1	K	L	M	O	O1	P	P1	W1	W2	H1	H2	H3	H4	WT1 50Hz/60Hz	GRS Set	WT2
80SFU21.5	3	22 5/16	16 1/4	3 15/16	7 15/16	9 1/16	7 11/16	3 1/8	2 3/8	4 3/4	6 5/16	1 1/4	2	9 1/8	4 1/16	7 11/16	1 1/16	1 1/2	21 1/8	9 7/16	24 5/16	4	7 1/16	9/16	60/57	ST2-80	42
80SFU22.2	3	22 5/16	16 1/4	3 15/16	7 15/16	9 1/16	7 11/16	3 1/8	2 3/8	4 3/4	6 5/16	1 1/4	2	9 1/8	4 1/16	7 11/16	1 1/16	1 1/2	21 1/8	9 7/16	24 5/16	4	7 1/16	9/16	64	ST2-80	42

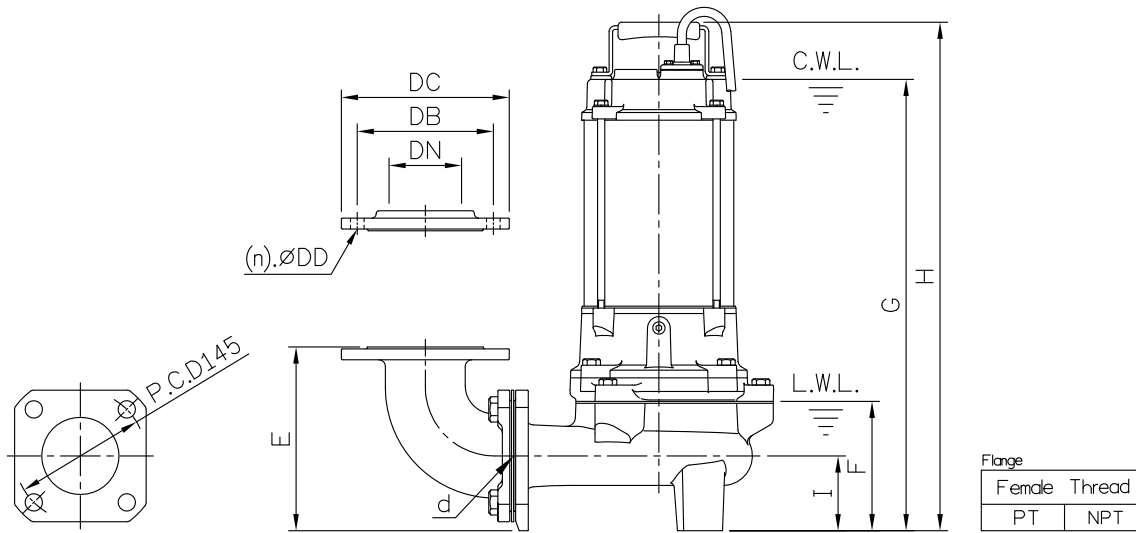
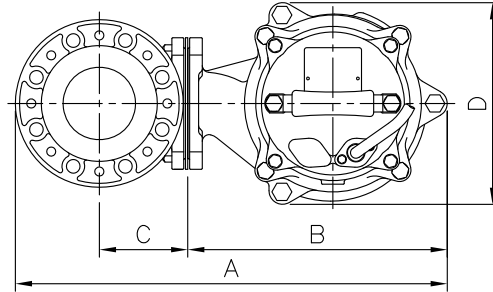
C.W.L.:Continuous Running Water Level WT1:Pump Weight(Without Cable)
L.W.L.:Lowest Running Water Level WT2:GRS Set Weight

DIMENSIONS

No: S3SFU237030-00

MODEL: 80SFU23.7

3Ø



Dimensions—mm

Weight:Kg

Model	d	A	B	C	D	E	F	G	H	I	WT1	Elbow (Flange) Set	DN	DB	DC	DD	(n)QTY	WT2
80SFU23.7	80	476	286	98	222	203	143	498	561	83	40	ESB3-150K	80	150	185	15	8	7

Dimensions—inch

Weight:Lbs

Model	d	A	B	C	D	E	F	G	H	I	WT1	Elbow (Flange) Set	DN	DB	DC	DD	(n)QTY	WT2
80SFU23.7	3	18¾	11¼	3⅞	8¾	8	5⅝	19⅝	22¼	3¼	88	ESB3-150K	3	5⅞	7⅞	⅝	8	16

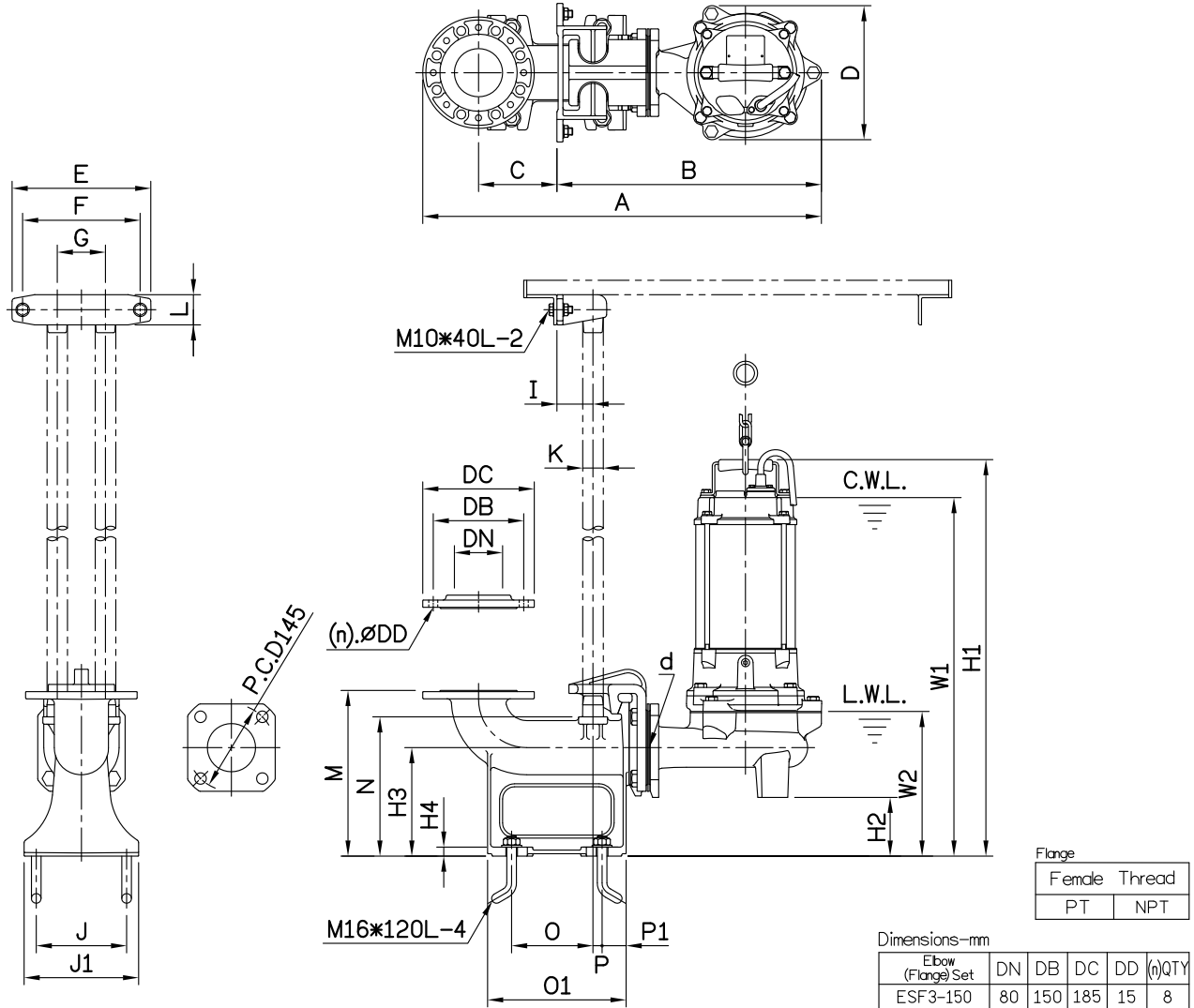
C.W.L.:Continuous Running Water Level WT1:Pump Weight(Without Cable)
 L.W.L.:Lowest Running Water Level WT2:Elbow Set Weight

DIMENSIONS

No: S3SFU23703T-00

MODEL: 80SFU23.7

30



Dimensions-mm

Elbow (Flange) Set	DN	DB	DC	DD	(n)QTY
ESF3-150	80	150	185	15	8

Dimensions-inch

Elbow (Flange) Set	DN	DB	DC	DD	(n)QTY
ESF3-150	3	5 ¹⁵ / ₁₆	7 ⁵ / ₁₆	⁹ / ₁₆	8

Dimensions-mm

Model	d	A	B	C	D	E	F	G	I	J	J1	K	L	M	N	O	O1	P	P1	W1	W2	H1	H2	H3	H4	WT1	GRS Set	WT2
80SFU23.7	80	662	439	130	222	230	195	80	60	150	190	1 ¹ / ₄	50	275	231	135	230	15	40	595	240	658	98	180	15	40	ST80D	22

Weight:Kg

Dimensions-inch

Model	d	A	B	C	D	E	F	G	I	J	J1	K	L	M	N	O	O1	P	P1	W1	W2	H1	H2	H3	H4	WT1	GRS Set	WT2
80SFU23.7	3	26 ¹ / ₁₆	17 ⁷ / ₁₆	5 ¹ / ₈	8 ³ / ₄	9 ¹ / ₁₆	7 ¹¹ / ₁₆	3 ¹ / ₈	2 ³ / ₈	5 ¹⁵ / ₁₆	7 ¹ / ₂	1 ¹ / ₄	2	10 ¹³ / ₁₆	9 ¹ / ₈	5 ⁵ / ₁₆	9 ¹ / ₁₆	⁹ / ₁₆ 1 ¹ / ₁₆	23 ⁷ / ₁₆	9 ⁹ / ₁₆	25 ⁷ / ₈	3 ⁷ / ₈	7 ¹ / ₁₆	⁹ / ₁₆	88	ST80D	49	

Weight:Lbs

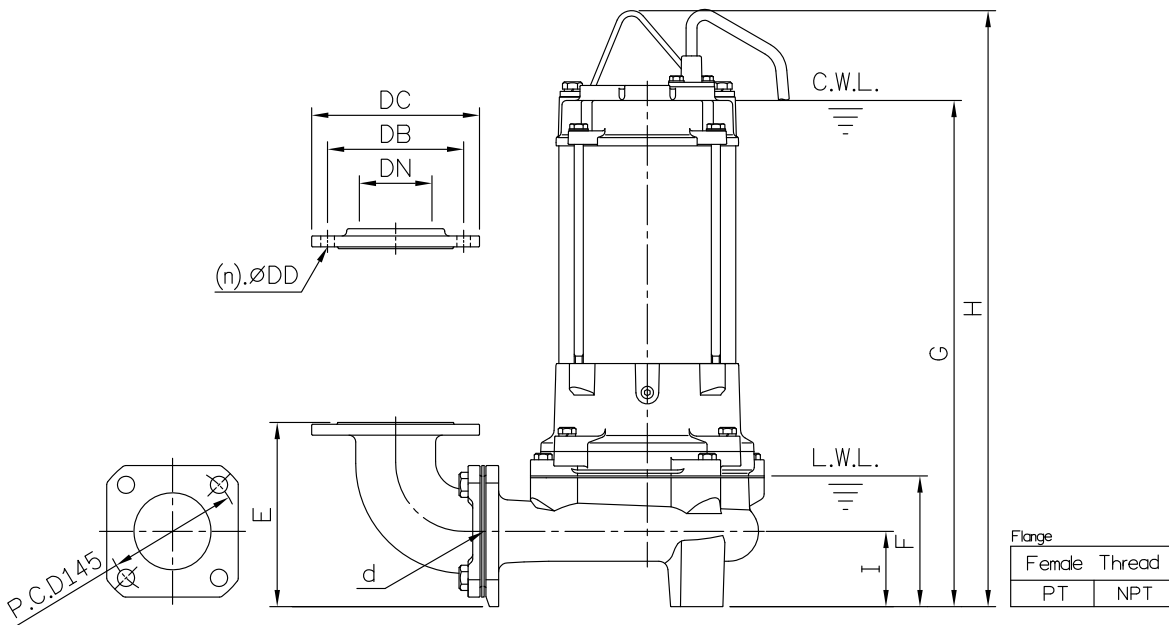
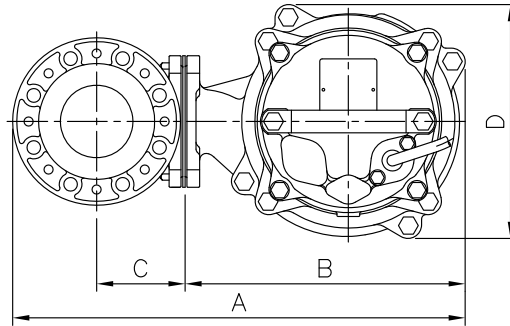
C.W.L.:Continuous Running Water Level WT1:Pump Weight(Without Cable)
 L.W.L.:Lowest Running Water Level WT2:GRS Set Weight

DIMENSIONS

No: S3SFU275030-00

MODEL: 80SFU25.5 & 80SFU27.5

3Ø



Dimensions—mm

Weight:Kg

Model	d	A	B	C	D	E	F	G	H	I	WT1 50Hz/60Hz	Elbow (Flange) Set	DN	DA	DB	DC	DD	(n)QTY	WT2
80SFU25.5	80	499	309	98	258	203	144	558	657	83	61/60	ESB3-150K	80	105	150	185	15	8	7
80SFU27.5	80	499	309	98	258	203	144	558	657	83	67/66	ESB3-150K	80	105	150	185	15	8	7

Dimensions—in

Weight:Lbs

Model	d	A	B	C	D	E	F	G	H	I	WT1 50Hz/60Hz	Elbow (Flange) Set	DN	DA	DB	DC	DD	(n)QTY	WT2
80SFU25.5	3	19 ⁹ / ₁₆	12 ³ / ₁₆	3 ⁷ / ₁₆	10 ³ / ₁₆	8	5 ¹ / ₁₆	22	25 ⁷ / ₁₆	3 ¹ / ₄	134/132	ESB3-150K	3	4 ¹ / ₈	5 ¹ / ₁₆	7 ⁵ / ₁₆	9 ¹ / ₁₆	8	16
80SFU27.5	3	19 ⁹ / ₁₆	12 ³ / ₁₆	3 ⁷ / ₁₆	10 ³ / ₁₆	8	5 ¹ / ₁₆	22	25 ⁷ / ₁₆	3 ¹ / ₄	147/145	ESB3-150K	3	4 ¹ / ₈	5 ¹ / ₁₆	7 ⁵ / ₁₆	9 ¹ / ₁₆	8	16

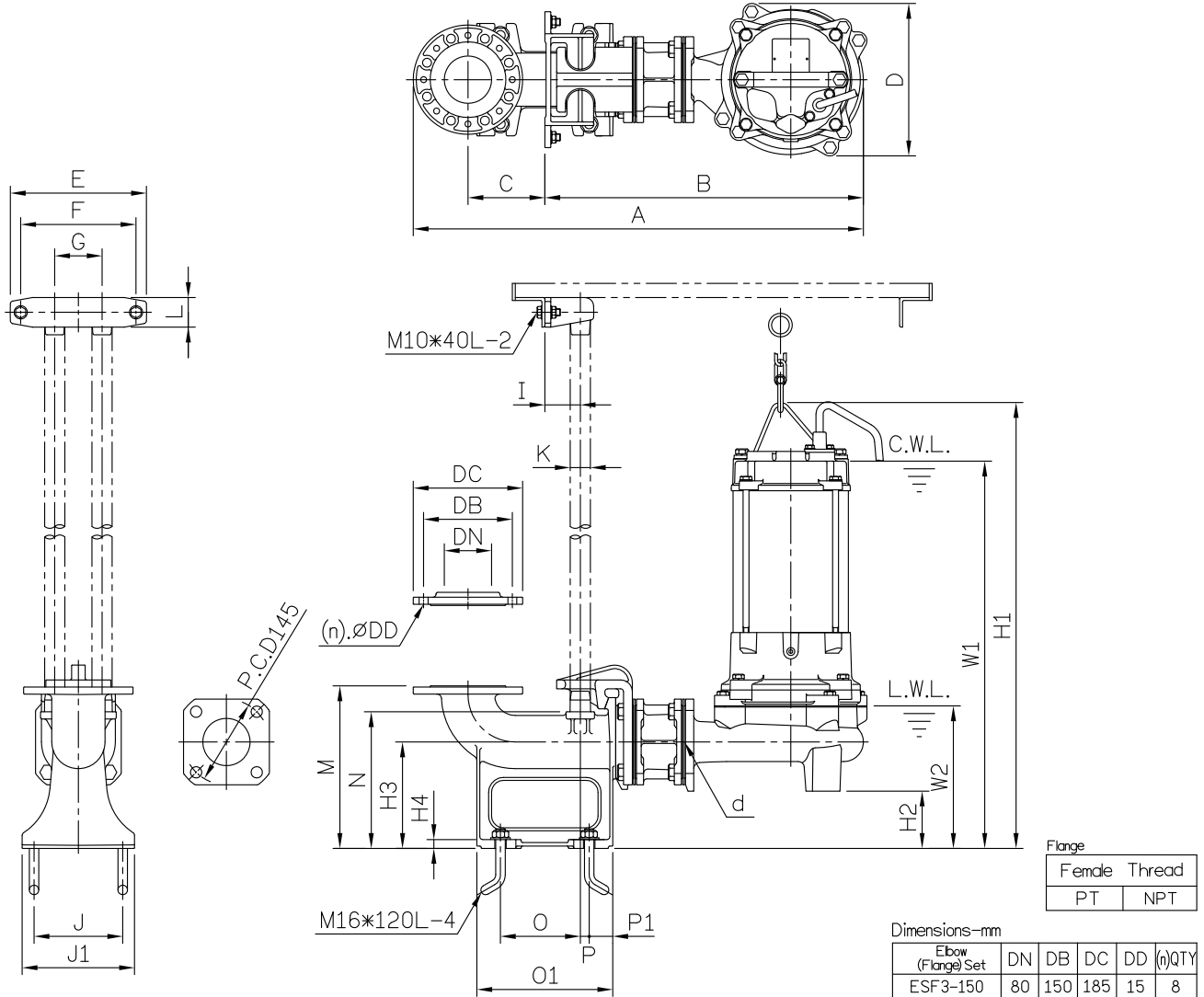
C.W.L.:Continuous Running Water Level WT1:Pump Weight(Without Cable)
L.W.L.:Lowest Running Water Level WT2:Elbow Set Weight

DIMENSIONS

No: S3SFU27503T-00

MODEL: 80SFU25.5 & 80SFU27.5

3Ø



Flange	
Female	Thread
PT	NPT

Dimensions-mm

Elbow (Flange) Set	DN	DB	DC	DD	(n)QTY
ESF3-150	80	150	185	15	8

Dimensions-inch

Elbow (Flange) Set	DN	DB	DC	DD	(n)QTY
ESF3-150	3	5 7/8	7 3/8	5/8	8

Dimensions-mm

Weight:Kg

Model	d	A	B	C	D	E	F	G	I	J	J1	K	L	M	N	O	O1	P	P1	W1	W2	H1	H2	H3	H4	WT1 50Hz/60Hz	GRS Set	WT2
80SFU25.5	80	768	545	130	258	230	195	80	60	150	190	1 1/4	50	275	231	135	230	15	40	655	241	754	97	180	15	61/60	ST80DH	25
80SFU27.5	80	768	545	130	258	230	195	80	60	150	190	1 1/4	50	275	231	135	230	15	40	655	241	754	97	180	15	67/66	ST80DH	25

Dimensions-inch

Weight:Lbs

Model	d	A	B	C	D	E	F	G	I	J	J1	K	L	M	N	O	O1	P	P1	W1	W2	H1	H2	H3	H4	WT1 50Hz/60Hz	GRS Set	WT2
80SFU25.5	3	30 3/4	21 1/8	5 1/8	10 3/16	9 1/8	7 7/8	3 1/8	2 3/8	5 7/8	7 1/2	1 1/4	2	10 3/8	9 1/8	5 1/8	9 1/8	5/8	1 1/8	25 3/8	9 1/2	29 1/8	3 3/8	7 1/8	5/8	134/132	ST80DH	55
80SFU27.5	3	30 3/4	21 1/8	5 1/8	10 3/16	9 1/8	7 7/8	3 1/8	2 3/8	5 7/8	7 1/2	1 1/4	2	10 3/8	9 1/8	5 1/8	9 1/8	5/8	1 1/8	25 3/8	9 1/2	29 1/8	3 3/8	7 1/8	5/8	148/146	ST80DH	55

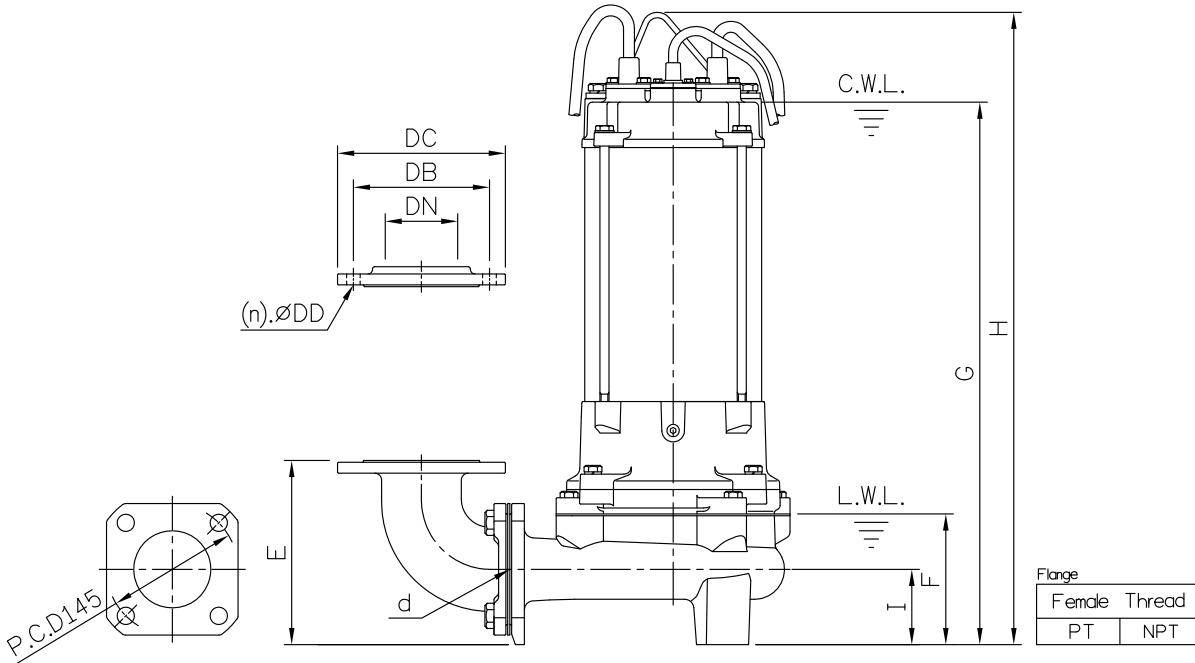
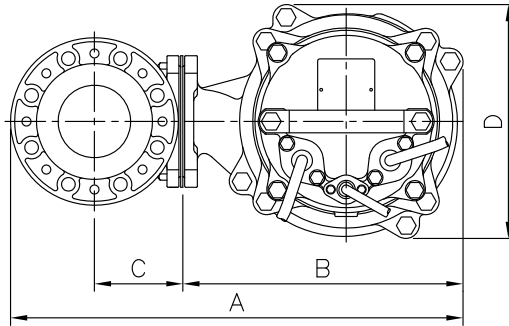
C.W.L.:Continuous Running Water Level WT1:Pump Weight(Without Cable)
L.W.L.:Lowest Running Water Level WT2:GRS Set Weight

DIMENSIONS

No: S3SFU2A1030-00

MODEL: 80SFU211

3Ø



Dimensions—mm

Weight:Kg

Model	d	A	B	C	D	E	F	G	H	I	WT1 50hz/60hz	Elbow (Flange) Set	DN	DB	DC	DD	(n)QTY	WT2
80SFU211	80	499	309	98	258	203	144	598	697	83	76/75	ESB3-150K	80	150	185	15	8	7

Dimensions—inch

Weight:Lbs

Model	d	A	B	C	D	E	F	G	H	I	WT1 50hz/60hz	Elbow (Flange) Set	DN	DB	DC	DD	(n)QTY	WT2
80SFU211	3	19 ⁵ / ₁₆	12 ³ / ₁₆	3 ⁷ / ₈	10 ³ / ₁₆	8	5 ¹ / ₁₆	23 ³ / ₁₆	27 ¹ / ₁₆	3 ³ / ₄	168/165	ESB3-150K	3	5 ⁵ / ₁₆	7 ⁵ / ₁₆	9 ¹ / ₁₆	8	16

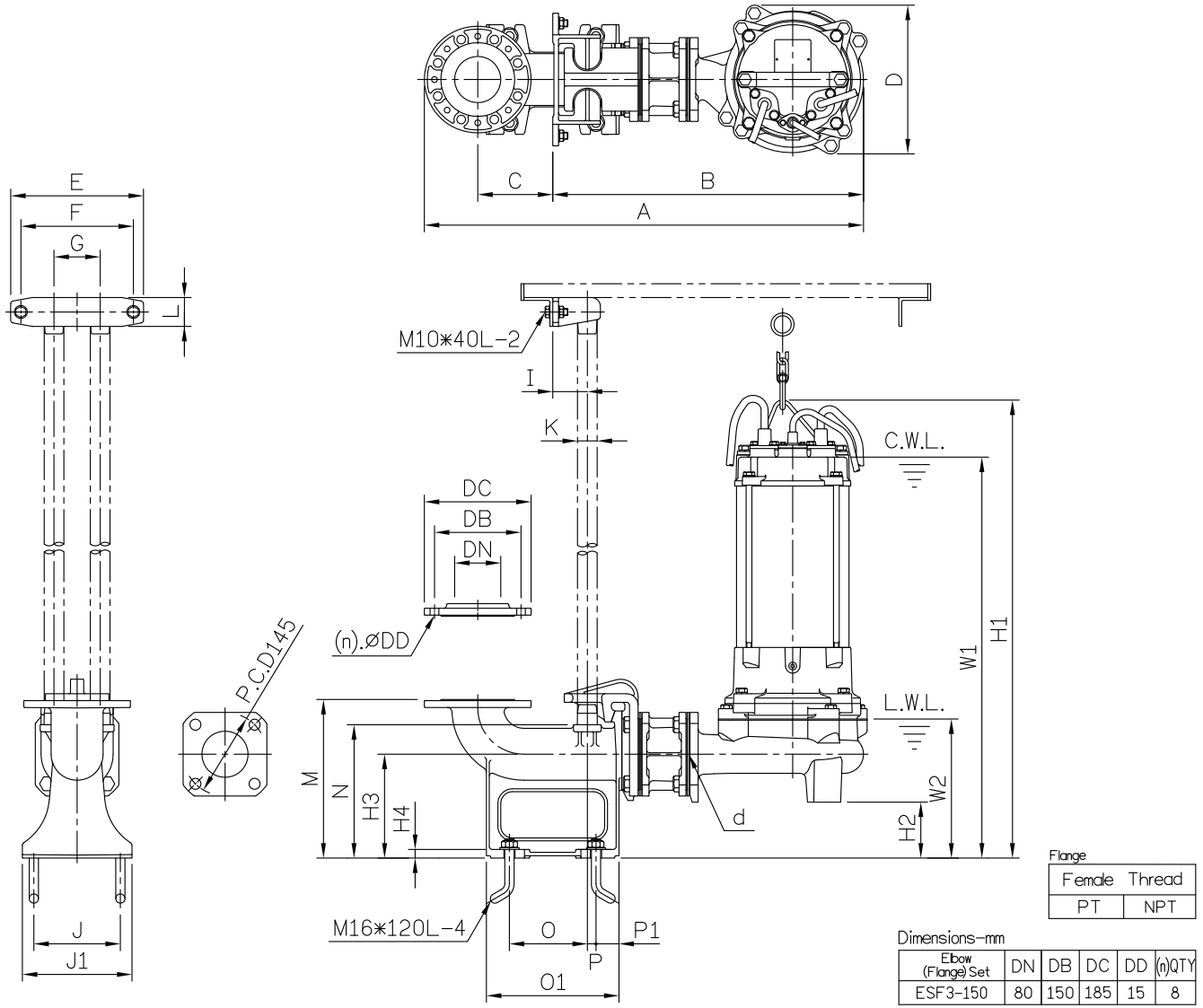
C.W.L.:Continuous Running Water Level WT1:Pump Weight(Without Cable)
L.W.L.:Lowest Running Water Level WT2:Elbow Set Weight

DIMENSIONS

No: S3SFU2A103T-00

MODEL: 80SFU211

3Ø



Flange	
Female	Thread
PT	NPT

Dimensions-mm

Elbow (Flange) Set	DN	DB	DC	DD	(n)QTY
ESF3-150	80	150	185	15	8

Dimensions-inch

Elbow (Flange) Set	DN	DB	DC	DD	(n)QTY
ESF3-150	3	5 7/8	7 3/8	5/8	8

Dimensions-mm

Weight:Kg

Model	d	A	B	C	D	E	F	G	I	J	J1	K	L	M	N	O	O1	P	P1	W1	W2	H1	H2	H3	H4	WT1 50Hz/60Hz	GRS Set	WT2
80SFU211	80	768	545	130	258	230	195	80	60	150	190	1 1/4	50	275	231	135	230	15	40	695	241	794	97	180	15	76/75	ST80DH	25

Dimensions-inch

Weight:Lbs

Model	d	A	B	C	D	E	F	G	I	J	J1	K	L	M	N	O	O1	P	P1	W1	W2	H1	H2	H3	H4	WT1 50Hz/60Hz	GRS Set	WT2
80SFU211	3	30 3/4	21 1/8	5 1/8	10 3/16	9 1/8	7 1/8	3 1/8	2 3/8	5 7/8	7 1/2	1 1/4	2	10 3/8	9 1/8	5 1/8	9 1/8	1 1/8	1 1/8	27 3/8	9 1/2	31 1/4	3 3/8	7 1/8	5/8	168/165	ST80DH	55

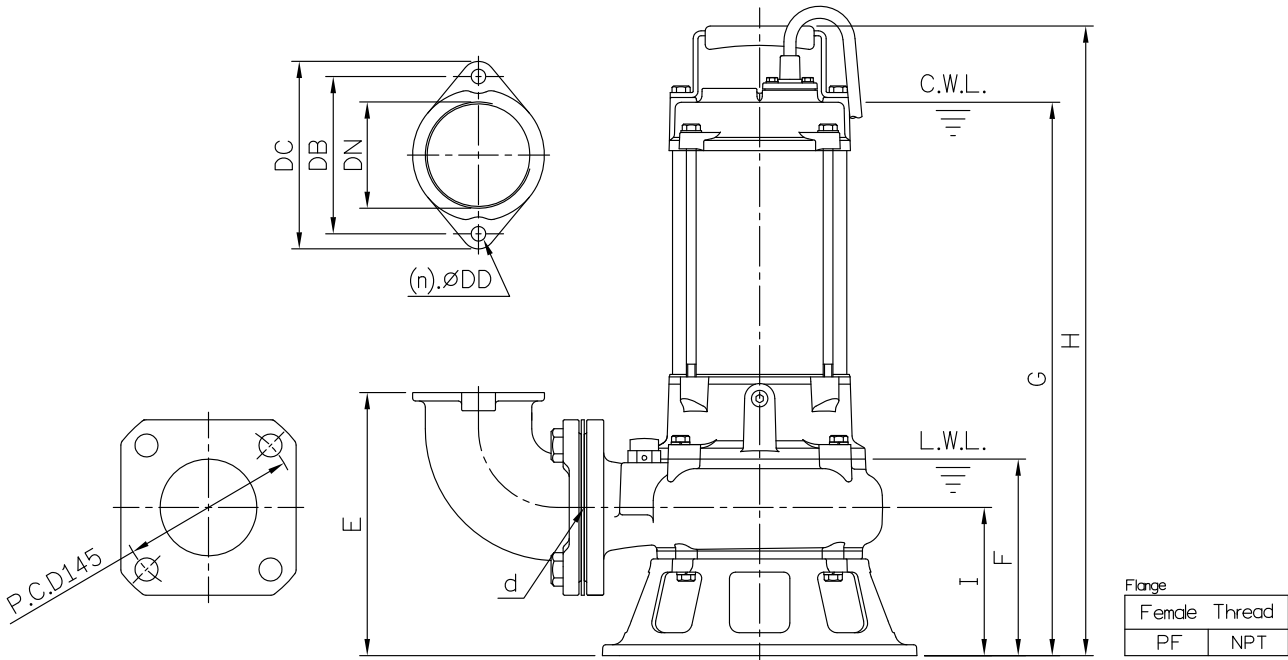
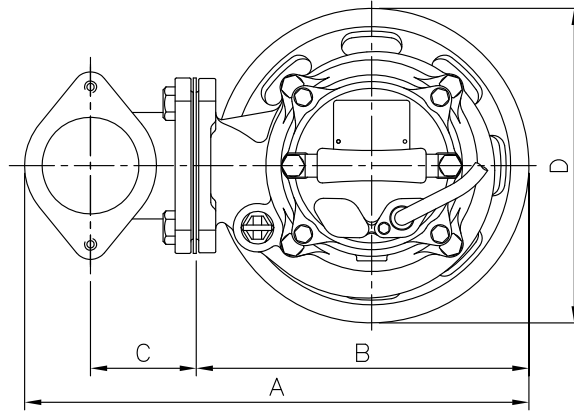
C.W.L.:Continuous Running Water Level WT1:Pump Weight(Without Cable)
L.W.L.:Lowest Running Water Level WT2:GRS Set Weight

DIMENSIONS

No: S3SFP222030-00

MODEL: 80SFP21.5 & 80SFP22.2

30



Dimensions—mm

Weight:Kg

Model	d	A	B	C	D	E	F	G	H	I	WT1 50Hz/60Hz	Elbow (Flange) Set	DN	DB	DC	DD	(n)QTY	WT2
80SFP21.5	80	417	275	88	260	218	163	458	521	123	29/28	ESB3-130K	80	130	155	12	2	4
80SFP22.2	80	417	275	88	260	218	163	458	521	123	32/31	ESB3-130K	80	130	155	12	2	4

Dimensions—inch

Weight:Lbs

Model	d	A	B	C	D	E	F	G	H	I	WT1 50Hz/60Hz	Elbow (Flange) Set	DN	DB	DC	DD	(n)QTY	WT2
80SFP21.5	3	16 ⁷ / ₁₆	10 ¹³ / ₁₆	3 ⁷ / ₁₆	10 ¹ / ₄	8 ⁹ / ₁₆	6 ⁷ / ₁₆	18 ¹ / ₁₆	20 ¹ / ₂	4 ¹³ / ₁₆	64/62	ESB3-130K	3	5 ³ / ₈	6 ¹ / ₈	1/2	2	9
80SFP22.2	3	16 ⁷ / ₁₆	10 ¹³ / ₁₆	3 ⁷ / ₁₆	10 ¹ / ₄	8 ⁹ / ₁₆	6 ⁷ / ₁₆	18 ¹ / ₁₆	20 ¹ / ₂	4 ¹³ / ₁₆	71/68	ESB3-130K	3	5 ³ / ₈	6 ¹ / ₈	1/2	2	9

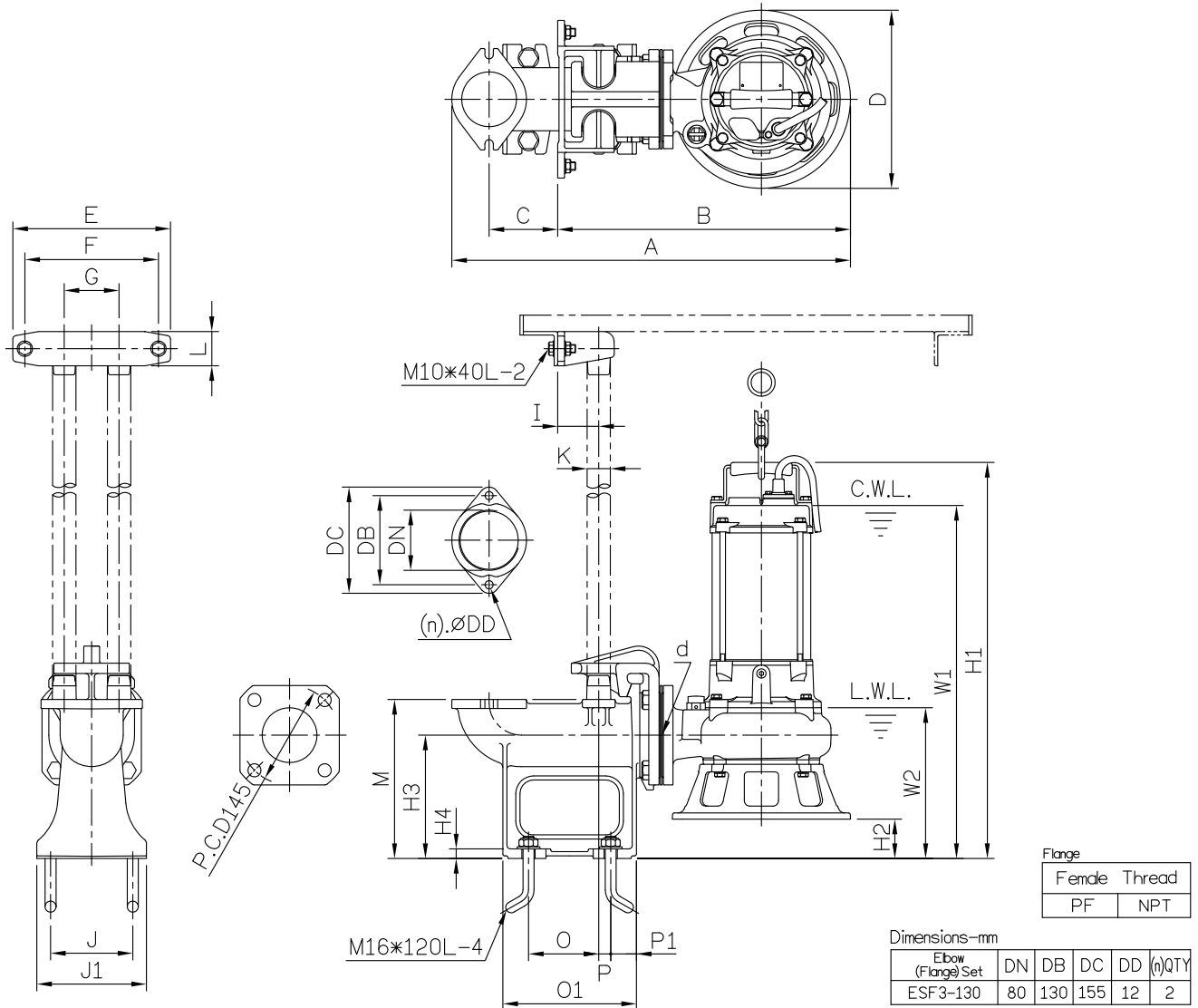
C.W.L.:Continuous Running Water Level WT1:Pump Weight(Without Cable)
L.W.L.:Lowest Running Water Level WT2:Elbow Set Weight

DIMENSIONS

No: S3SFP22203T-00

MODEL: 80SFP21.5 & 80SFP22.2

30



Flange	
Female	Thread
PF	NPT

Dimensions-mm

Elbow (Flange) Set	DN	DB	DC	DD	(n)QTY
ESF3-130	80	130	155	12	2

Dimensions-inch

Elbow (Flange) Set	DN	DB	DC	DD	(n)QTY
ESF3-130	3	5 1/8	6 1/8	1/2	2

Dimensions-mm

Model	d	A	B	C	D	E	F	G	I	J	J1	K	L	M	O	O1	P	P1	W1	W2	H1	H2	H3	H4	Weight:Kg		
																									WT1 50Hz/60Hz	GRS Set	WT2
80SFP21.5	80	582	428	100	260	230	195	80	60	120	160	1 1/4"	50	232	103	195	18	38	515	220	578	58	180	14	29/28	ST2-80	19
80SFP22.2	80	582	428	100	260	230	195	80	60	120	160	1 1/4"	50	232	103	195	18	38	515	220	578	58	180	14	32/31	ST2-80	19

Dimensions-inch

Model	d	A	B	C	D	E	F	G	I	J	J1	K	L	M	O	O1	P	P1	W1	W2	H1	H2	H3	H4	Weight:Lbs		
																									WT1 50Hz/60Hz	GRS Set	WT2
80SFP21.5	3	22 7/8	16 5/8	3 15/16	10 1/4	9 1/16	7 1/16	3 1/8	2 3/8	4 3/4	6 5/16	1 1/4	2	9 1/8	4 1/16	7 11/16	1 1/16	1 1/2	20 3/4	8 1/16	22 3/4	2 5/16	7 1/16	9/16	64/62	ST2-80	42
80SFP22.2	3	22 7/8	16 5/8	3 15/16	10 1/4	9 1/16	7 1/16	3 1/8	2 3/8	4 3/4	6 5/16	1 1/4	2	9 1/8	4 1/16	7 11/16	1 1/16	1 1/2	20 3/4	8 1/16	22 3/4	2 5/16	7 1/16	9/16	71/68	ST2-80	42

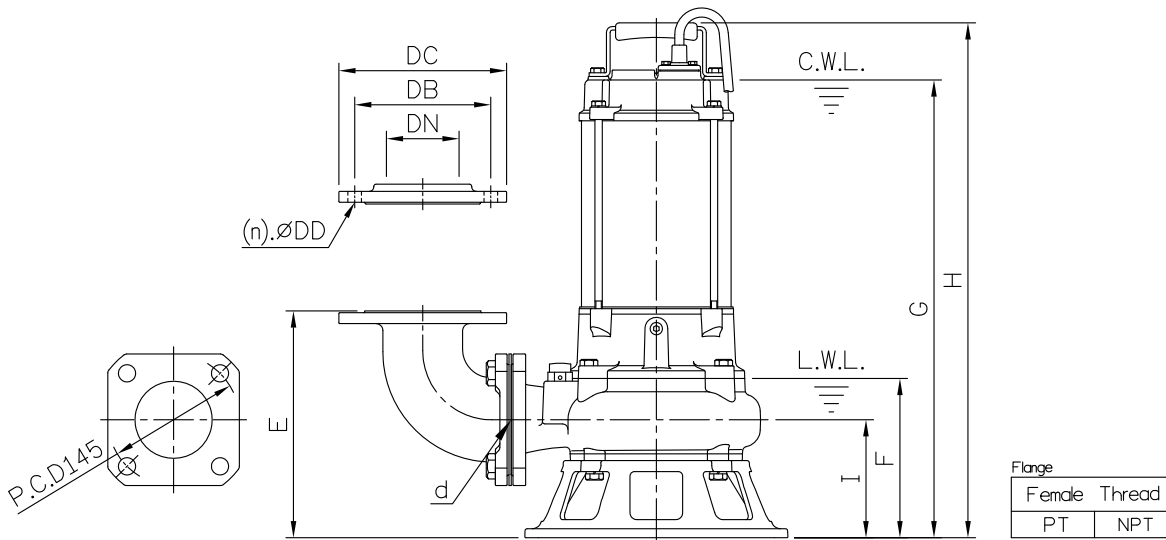
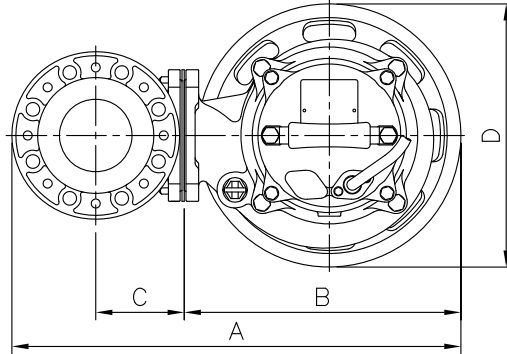
C.W.L.:Continuous Running Water Level WT1:Pump Weight(Without Cable)
 L.W.L.:Lowest Running Water Level WT2:GRS Set Weight

DIMENSIONS

No: S3SFP237030-00

MODEL: 80SFP23.7

3Ø



Dimensions—mm

Weight:Kg

Model	d	A	B	C	D	E	F	G	H	I	WT1	Elbow (Flange) Set	DN	DB	DC	DD	(n)QTY	WT2
80SFP23.7	80	495	305	98	290	250	176	505	568	130	43	ESB3-150K	80	150	185	15	8	7

Dimensions—inch

Weight:Lbs

Model	d	A	B	C	D	E	F	G	H	I	WT1	Elbow (Flange) Set	DN	DB	DC	DD	(n)QTY	WT2
80SFP23.7	3	19½	12	3¾	11½	9¾	6¾	19¾	22¾	5½	95	ESB3-150K	3	5¾	7¾	¾	8	16

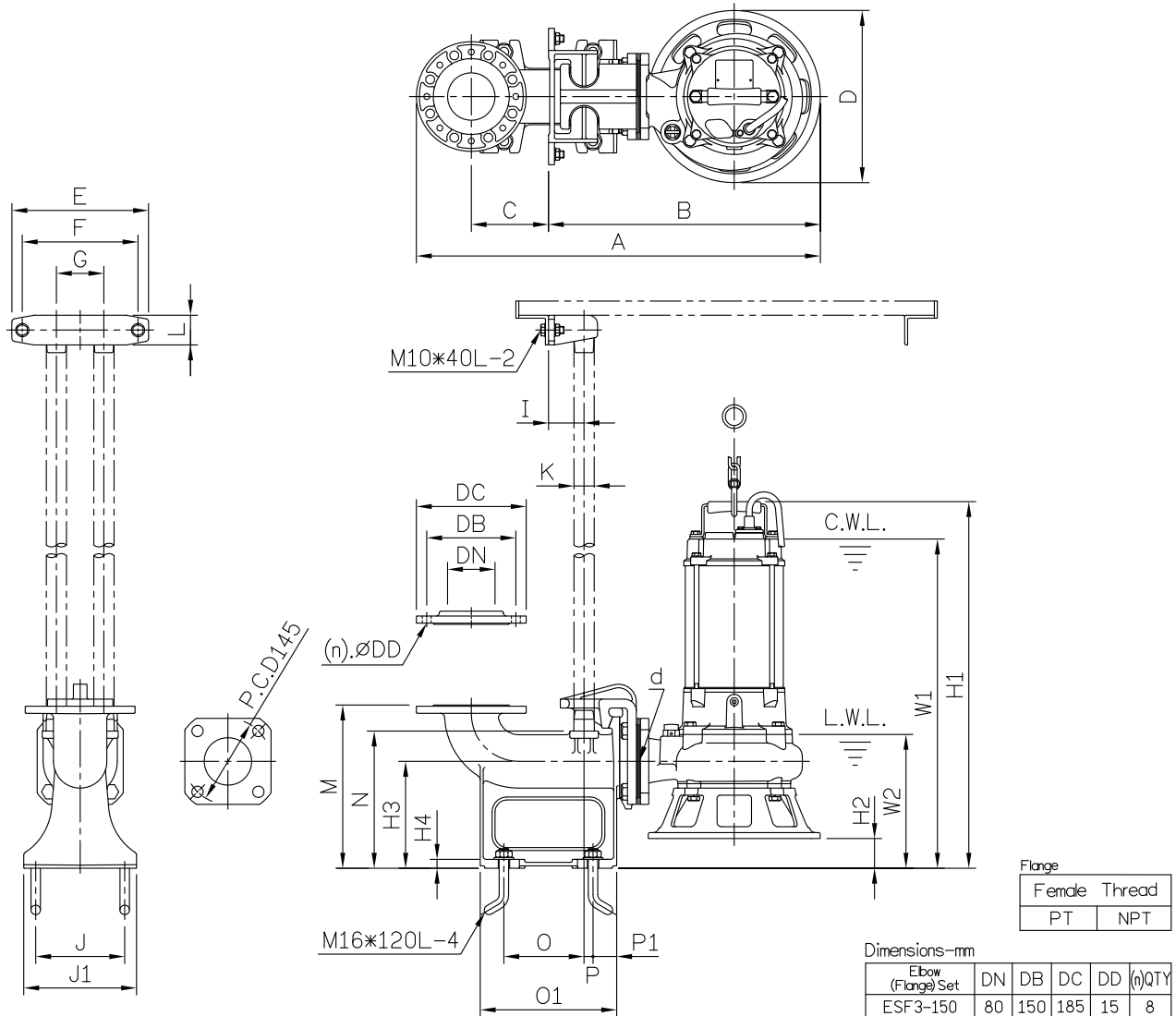
C.W.L.:Continuous Running Water Level WT1:Pump Weight(Without Cable)
 L.W.L.:Lowest Running Water Level WT2:Elbow Set Weight

DIMENSIONS

No: S3SFP23703T-00

MODEL: 80SFP23.7

30



Dimensions-mm

Weight:Kg

Model	d	A	B	C	D	E	F	G	I	J	J1	K	L	M	N	O	O1	P	P1	W1	W2	H1	H2	H3	H4	WT1	GRS Set	WT2
80SFP23.7	80	681	458	130	290	230	195	80	60	150	190	1 ¹ / ₄	50	275	231	135	230	15	40	555	226	618	50	180	15	43	ST80D	22

Dimensions-inch

Weight:Lbs

Model	d	A	B	C	D	E	F	G	I	J	J1	K	L	M	N	O	O1	P	P1	W1	W2	H1	H2	H3	H4	WT1	GRS Set	WT2
80SFP23.7	3	26 ³ / ₁₆	18 ¹ / ₁₆	5 ¹ / ₁₆	11 ¹ / ₁₆	9 ¹ / ₁₆	7 ¹¹ / ₁₆	3 ¹ / ₈	2 ³ / ₈	5 ¹⁵ / ₁₆	7 ¹ / ₂	1 ¹ / ₄	2	10 ¹³ / ₁₆	9 ¹ / ₁₆	5 ⁵ / ₁₆	9 ¹ / ₁₆	⁹ / ₁₆	1 ¹ / ₁₆	21 ¹ / ₈	8 ⁷ / ₈	24 ⁵ / ₁₆	1 ¹⁵ / ₁₆	7 ¹ / ₁₆	¹ / ₁₆	95	ST80D	49

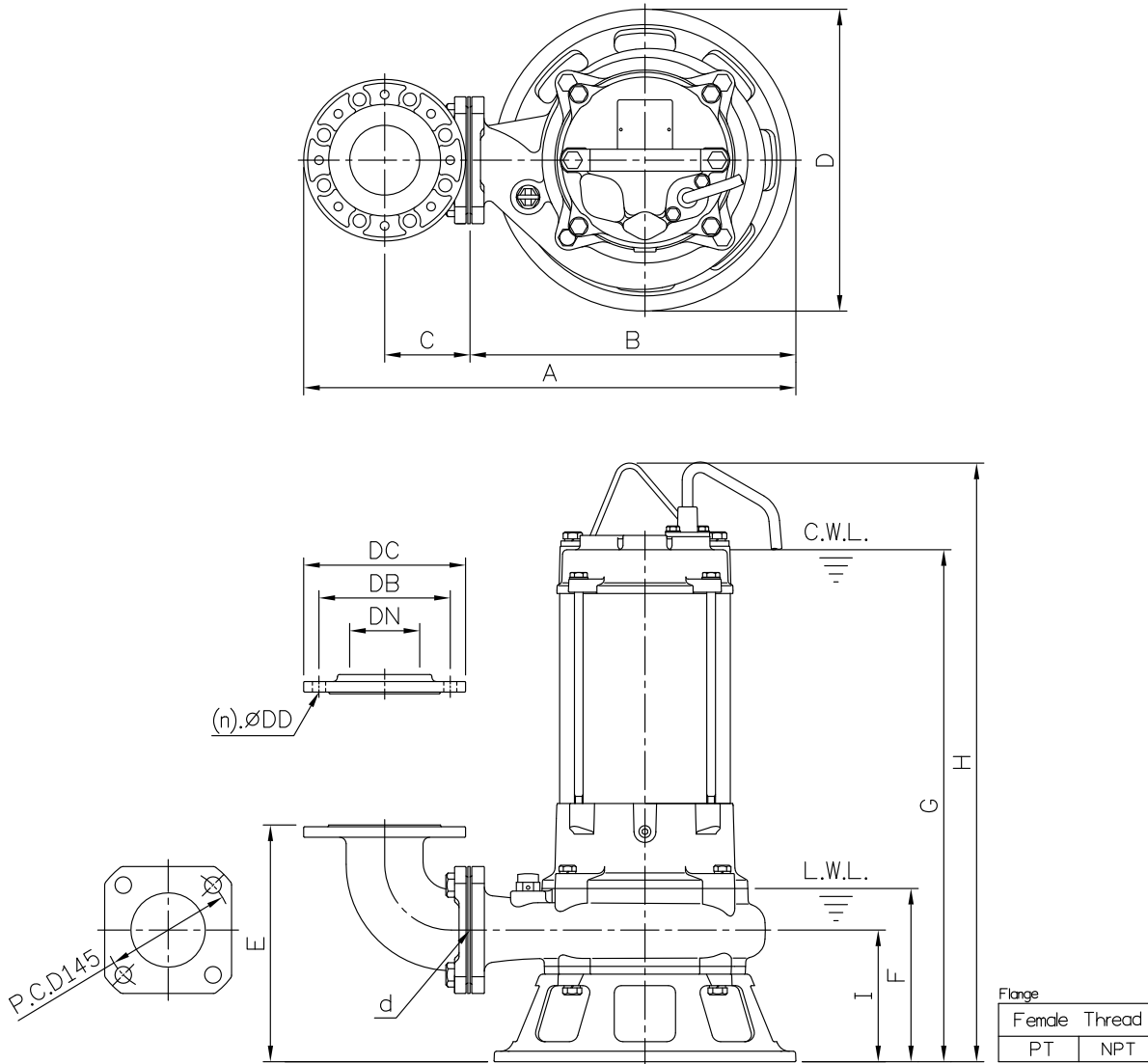
C.W.L.:Continuous Running Water Level WT1:Pump Weight(Without Cable)
L.W.L.:Lowest Running Water Level WT2:GRS Set Weight

DIMENSIONS

No: S3SFP275030-00

MODEL: 80(100)SFP25.5 & 80(100)SFP27.5

3Ø



Dimensions—mm

Weight:Kg

Model	d	A	B	C	D	E	F	G	H	I	WT1 50Hz/60Hz	Elbow (Flange) Set	DN	DB	DC	DD	(n)QTY	WT2
80(100)SFP25.5	80	563	373	98	345	271	198	585	684	151	67/66	ESB3-150K	80	150	185	15	8	7
80(100)SFP27.5	80	563	373	98	345	271	198	585	684	151	73/72	ESB3-150K	80	150	185	15	8	7
80(100)SFP25.5	80	591	373	113	345	276	198	585	684	151	67/66	ESB4-175(145)K	100	175	210	15	8	10
80(100)SFP27.5	80	591	373	113	345	276	198	585	684	151	73/72	ESB4-175(145)K	100	175	210	15	8	10

Dimensions—inch

Weight:Lbs

Model	d	A	B	C	D	E	F	G	H	I	WT1 50Hz/60Hz	Elbow (Flange) Set	DN	DB	DC	DD	(n)QTY	WT2
80(100)SFP25.5	3	22 ³ / ₁₆	14 ¹ / ₁₆	3 ⁷ / ₈	13 ³ / ₁₆	10 ¹ / ₁₆	7 ³ / ₈	23 ¹ / ₁₆	26 ⁵ / ₁₆	5 ⁵ / ₁₆	148/146	ESB3-150K	3	5 ⁵ / ₁₆	7 ⁵ / ₁₆	9 ¹ / ₁₆	8	16
80(100)SFP27.5	3	22 ³ / ₁₆	14 ¹ / ₁₆	3 ⁷ / ₈	13 ³ / ₁₆	10 ¹ / ₁₆	7 ³ / ₈	23 ¹ / ₁₆	26 ⁵ / ₁₆	5 ⁵ / ₁₆	161/159	ESB3-150K	3	5 ⁵ / ₁₆	7 ⁵ / ₁₆	9 ¹ / ₁₆	8	16
80(100)SFP25.5	3	23 ¹ / ₄	14 ¹ / ₁₆	4 ¹ / ₁₆	13 ³ / ₁₆	10 ⁷ / ₈	7 ³ / ₈	23 ¹ / ₁₆	26 ⁵ / ₁₆	5 ⁵ / ₁₆	148/146	ESB4-175(145)K	4	6 ⁷ / ₈	8 ³ / ₄	9 ¹ / ₁₆	8	21
80(100)SFP27.5	3	23 ¹ / ₄	14 ¹ / ₁₆	4 ¹ / ₁₆	13 ³ / ₁₆	10 ⁷ / ₈	7 ³ / ₈	23 ¹ / ₁₆	26 ⁵ / ₁₆	5 ⁵ / ₁₆	161/159	ESB4-175(145)K	4	6 ⁷ / ₈	8 ³ / ₄	9 ¹ / ₁₆	8	21

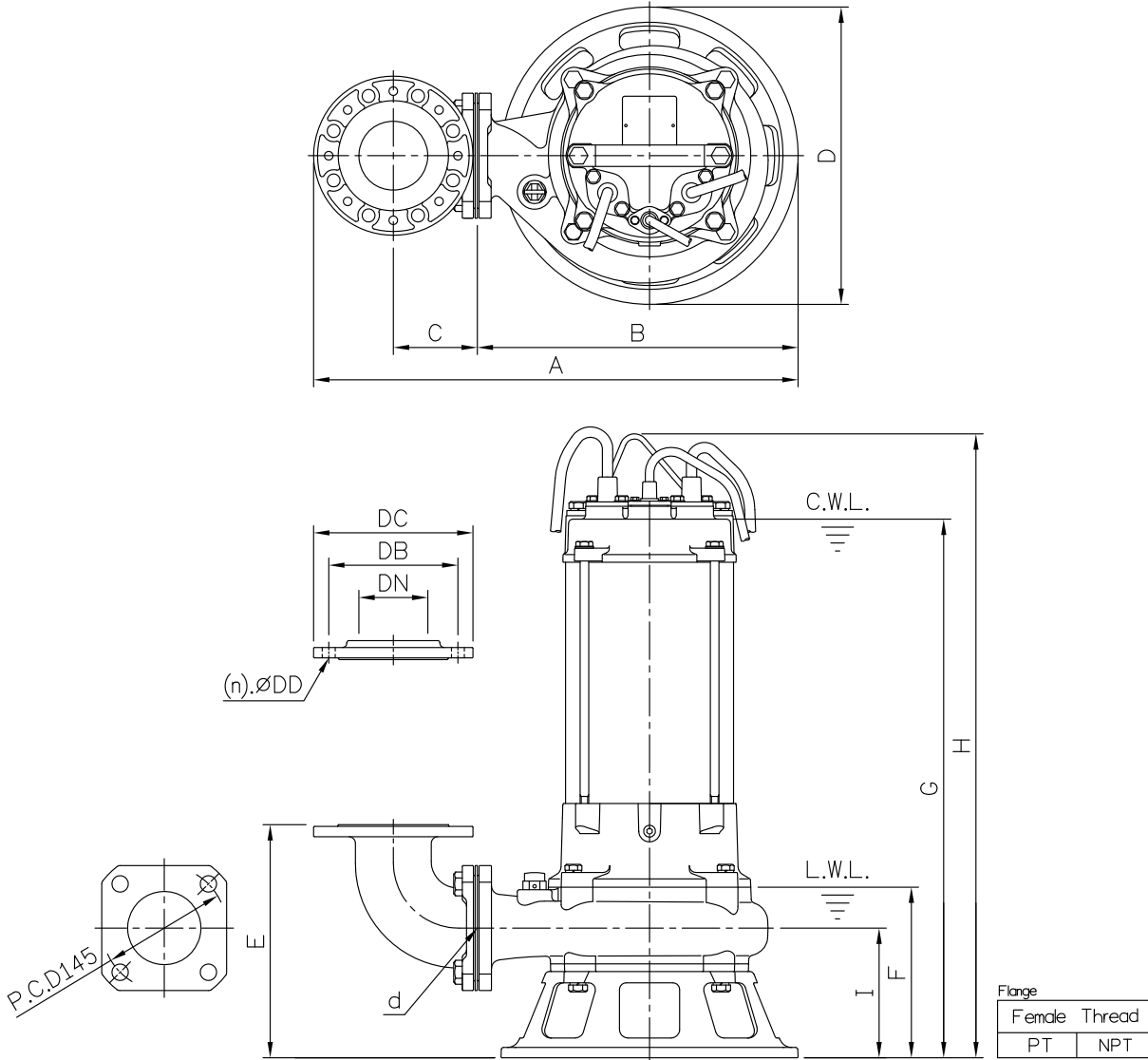
C.W.L.:Continuous Running Water Level WT1:Pump Weight(Without Cable)
L.W.L.:Lowest Running Water Level WT2:Elbow Set Weight

DIMENSIONS

No: S3SFP2A1030-00

MODEL: 80(100)SFP211

3Ø



Dimensions—mm

Weight:Kg

Model	d	A	B	C	D	E	F	G	H	I	WT1 50Hz/60Hz	Elbow (Flange) Set	DN	DB	DC	DD	(n)QTY	WT2
80(100)SFP211	80	563	373	98	345	271	198	625	724	151	82/81	ESB3-150K	80	150	185	15	8	7
80(100)SFP211	80	591	373	113	345	276	198	625	724	151	82/81	ESB4-175(145)K	100	175	210	15	8	10

Dimensions—inch

Weight:Lbs

Model	d	A	B	C	D	E	F	G	H	I	WT1 50Hz/60Hz	Elbow (Flange) Set	DN	DB	DC	DD	(n)QTY	WT2
80(100)SFP211	3	22 ³ / ₁₆	14 ⁴ / ₁₆	3 ⁷ / ₈	13 ³ / ₁₆	10 ¹¹ / ₁₆	7 ⁷ / ₁₆	24 ⁵ / ₈	28 ¹ / ₂	5 ⁵ / ₁₆	181/179	ESB3-150K	3	5 ⁷ / ₁₆	7 ⁵ / ₁₆	9 ¹ / ₁₆	8	16
80(100)SFP211	3	23 ³ / ₄	14 ⁴ / ₁₆	4 ¹ / ₁₆	13 ³ / ₁₆	10 ⁷ / ₈	7 ⁷ / ₁₆	24 ⁵ / ₈	28 ¹ / ₂	5 ⁵ / ₁₆	181/179	ESB4-175(145)K	4	6 ⁷ / ₁₆	8 ³ / ₄	9 ¹ / ₁₆	8	21

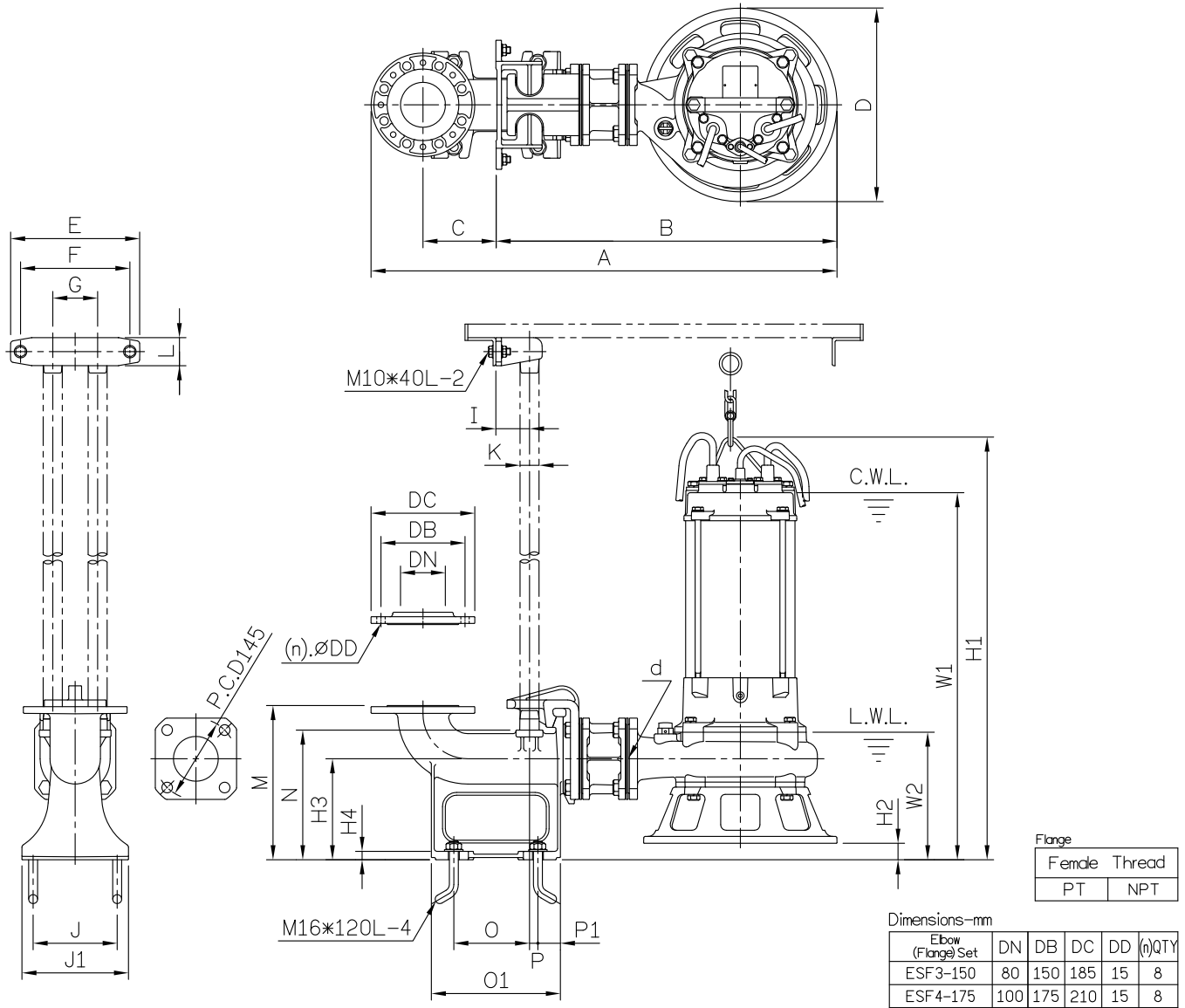
C.W.L.:Continuous Running Water Level WT1:Pump Weight(Without Cable)
 L.W.L.:Lowest Running Water Level WT2:Elbow Set Weight

DIMENSIONS

No: S3SFP2A103T-00

MODEL: 80(100)SFP211

3Ø



Flange	
Female	Thread
PT	NPT

Dimensions-mm

Elbow (Flange) Set	DN	DB	DC	DD	(n)QTY
ESF3-150	80	150	185	15	8
ESF4-175	100	175	210	15	8

Dimensions-inch

Elbow (Flange) Set	DN	DB	DC	DD	(n)QTY
ESF3-150	3	5 7/8	7 3/8	5/8	8
ESF4-175	4	6 7/8	8 1/4	5/8	8

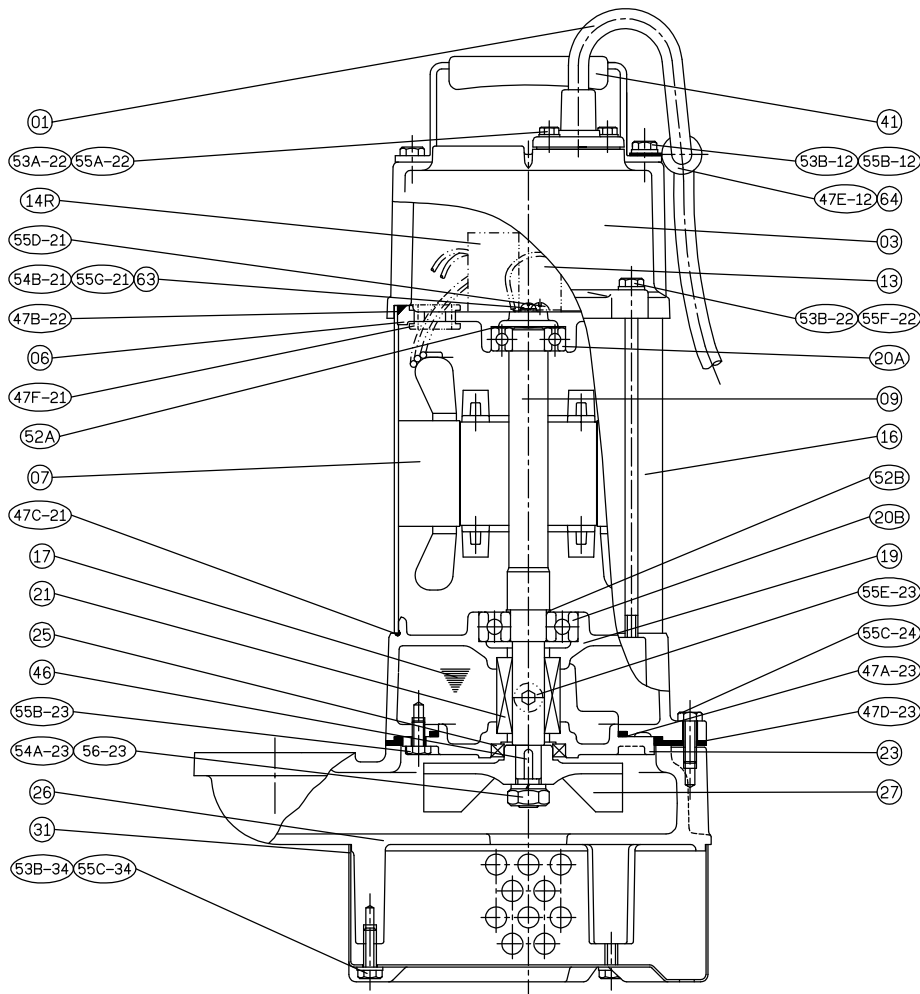
Dimensions-mm

Model	d	A	B	C	D	E	F	G	I	J	J1	K	L	M	N	O	O1	P	P1	W1	W2	H1	H2	H3	H4	Weight:Kg		
																										WT1 50Hz/60Hz	GRS Set	WT2
80(100)SFP211	80	832	609	130	345	230	195	80	60	150	190	1 1/4	50	275	231	135	230	15	40	655	228	754	30	180	15	82/81	ST80DH	25
80(100)SFP211	80	864	609	150	345	230	195	80	60	170	210	1 1/4	50	285	231	155	250	15	40	655	228	754	30	180	15	82/81	ST100(80)BH	28

Dimensions-inch

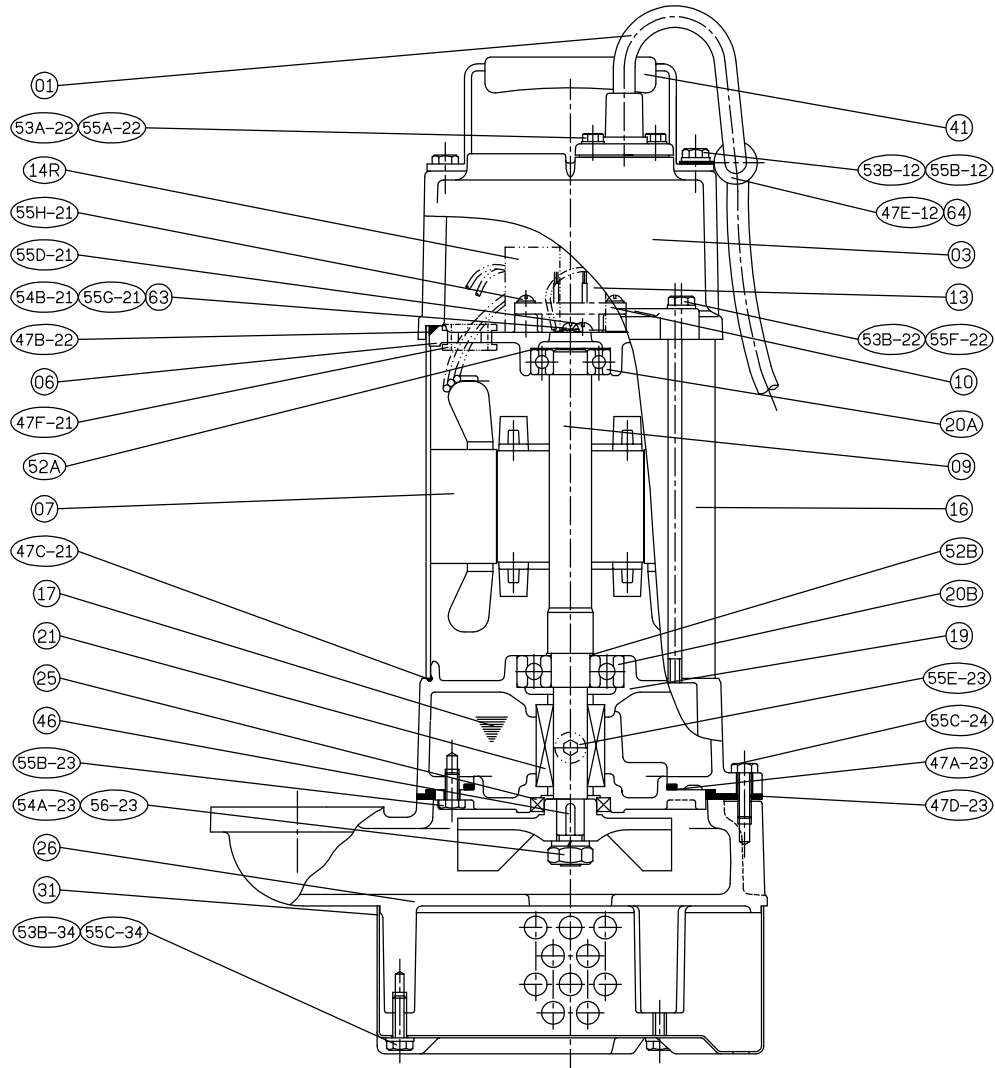
Model	d	A	B	C	D	E	F	G	I	J	J1	K	L	M	N	O	O1	P	P1	W1	W2	H1	H2	H3	H4	Weight:Lbs		
																										WT1 50Hz/60Hz	GRS Set	WT2
80(100)SFP211	3	32 3/4	24	5 1/8	13 5/8	9 1/8	7 1/8	3 1/8	2 3/8	5 7/8	7 1/2	1 1/4	2	10 3/8	9 1/8	5 1/8	9 1/8	5/8	1 1/8	25 3/8	9	29 1/8	1 3/8	7 1/8	5/8	181/179	ST80DH	55
80(100)SFP211	3	34	24	5 7/8	13 5/8	9 1/8	7 1/8	3 3/8	2 3/8	6 1/8	8 1/4	1 1/4	2	11 1/4	9 1/8	6 1/8	9 1/8	5/8	1 1/8	25 3/8	9	29 1/8	1 3/8	7 1/8	5/8	181/179	ST100(80)BH	62

C.W.L.:Continuous Running Water Level WT1:Pump Weight(Without Cable)
L.W.L.:Lowest Running Water Level WT2:GRS Set Weight



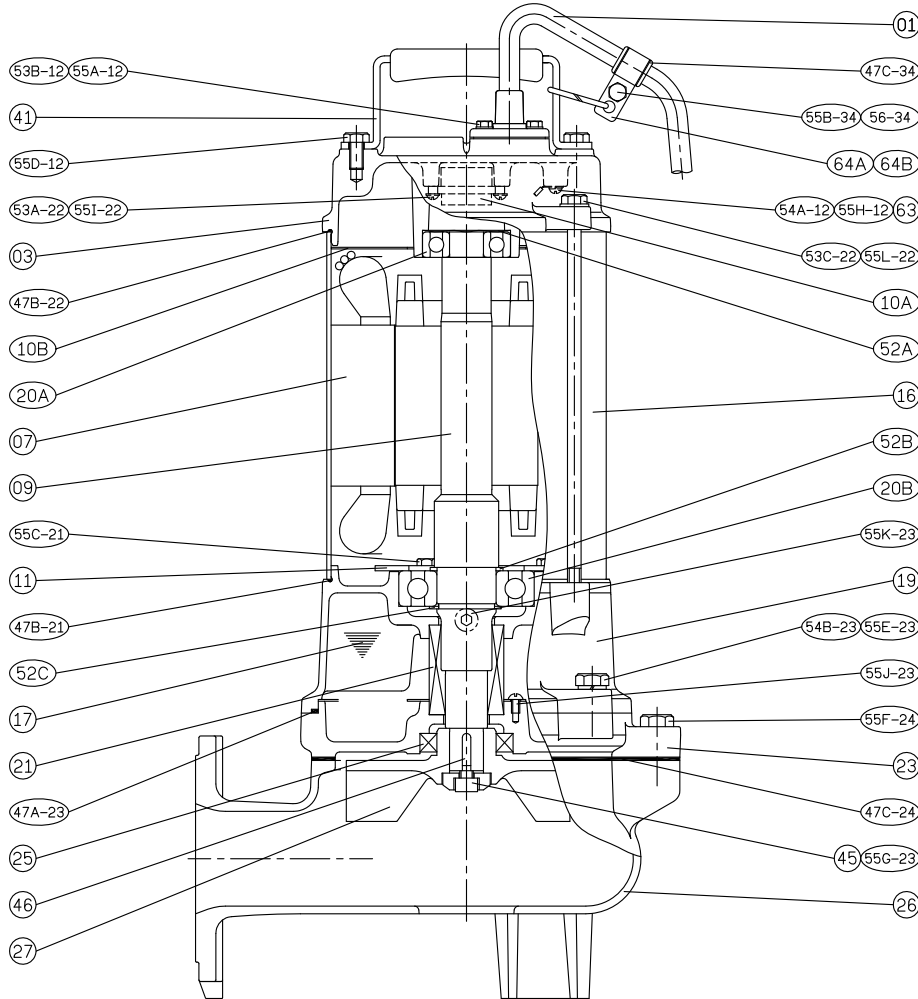
No.	Part name	Material	QTY	Remark
01	Cable		1	
03	Upper cover	SCS14	1	
06	Bracket	FC200	1	
07	Stator		1	
09	Shaft end	SUS316	1	
14R	Capacitor		1	
16	Motor frame	SUS316	1	
17	Lubricant			
19	Bearing bracket	SCS14	1	
20A	Bearing		1	
20B	Bearing		1	
21	M.seal	CA / CE & SIC / SIC	1	
23	M. seal bracket	SCS14	1	

No.	Part name	Material	QTY	Remark
25	Oil seal	NBR	1	
26	Casing	SCS14	1	
27	Impeller	SCS14	1	
31	Strainer	SUS304	1	
41	Handle	SUS304	1	
46	Impeller key	SUS304	1	
47	Packing			



No.	Part name	Material	QTY	Remark
01	Cable		1	
03	Upper cover	SCS14	1	
06	Bracket	FC200	1	
07	Stator		1	
09	Shaft end	SUS316	1	
10	Auto-cut		1	
14R	Capacitor		1	
16	Motor frame	SUS316	1	
17	Lubricant			
19	Bearing bracket	SCS14	1	
20A	Bearing		1	
20B	Bearing		1	
21	M.seal	CA / CE & SIC / SIC	1	

No.	Part name	Material	QTY	Remark
23	M. seal bracket	SCS14	1	
25	Oil seal	NBR	1	
26	Casing	SCS14	1	
27	Impeller	SCS14	1	
31	Strainer	SUS304	1	
41	Handle	SUS304	1	
46	Impeller key	SUS304	1	
47	Packing			



No.	Part name	Material	QTY	Remark
01	Cable		1	
03	Upper cover	SCS14	1	
07	Stator		1	
09	Shaft end	SUS316	1	
10A	Auto-cut		1	
10B	Auto-cut plate		1	
11	Bearing fixer	SPCC	1	
16	Motor frame	SUS316	1	
17	Lubricant			
19	Bearing bracket	SCS14	1	
20A	Bearing		1	
20B	Bearing		1	
21	M.seal	CA / CE & SIC / SiC	1	

No.	Part name	Material	QTY	Remark
23	M. seal bracket	SCS14	1	
25	Oil seal	NBR	1	
26	Casing	SCS14	1	
27	Impeller	SCS14	1	
41	Handle	SUS304	1	
46	Impeller key	SUS304	1	
47	Packing			

